

Cisco SFP-10G-LRM Compatibility Matrix Datasheet



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 ME3800X
 C4500
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 C3650
 C3560
 C3560X
 NCS560
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 C8500
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 ESS3000
 C9400X
 ESS3300

IE5000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IE-5000-12S12P-10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)EB	IOS 15.2(2)EB

Network Device Notes for above line :

- When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed.

Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

ISR4000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
4451-X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.13.1	IOS XE 3.13.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
4351	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.13.1	IOS XE 3.13.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
4331	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.13.1	IOS XE 3.13.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
4461	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.13.1	IOS XE 3.13.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
SM-X-4X1G-1X10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.13.1	IOS XE 3.13.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

ASR9000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
A9K-24X10GE-1G-SE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.3.2	IOS XR 64 Bit 6.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A9K-24X10GE-1G-SE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A9K-24X10GE-1G-TR	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.3.2	IOS XR 64 Bit 6.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A9K-24X10GE-1G-TR	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A9K-48X10GE-1G-SE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A9K-48X10GE-1G-TR	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A99-48X10GE-1G-SE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.5.2	IOS XR 6.5.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A99-48X10GE-1G-TR	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.5.2	IOS XR 6.5.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ASR-9901	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.0.1	IOS XR 64 Bit 7.0.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A99-48X10GE-1G-FC	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.5.2	IOS XR 6.5.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A9K-24X10GE-1G-FC	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 bit 6.3.2	IOS XR 64 bit 6.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A9K-24X10GE-1G-FC	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ASR-9901-FC	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.0.1	IOS XR 64 Bit 7.0.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A9K-48X10GE-1G-FC	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

N7000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N7K-M108X2-12L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 5.2(3a)	NX-OS 5.2(3a)
Network Device Notes for above line : • With OneX converter													
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N7K-M132XP-12L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 5.1	NX-OS 5.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N7K-M224XP-23L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(1)	NX-OS 6.1(1)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N7K-F312FQ-25	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 8.2(1)	NX-OS 8.2(1)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N7K-F132XP-15	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 5.1	NX-OS 5.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N7K-F248XP-25	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.0(1)	NX-OS 6.0(1)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N7K-F248XP-25E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(2)	NX-OS 6.1(2)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N7K-M348XP-25L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 8.0(1)	NX-OS 8.0(1)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N7K-M324FQ-25L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 8.2(1)	NX-OS 8.2(1)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

N3000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N3K-C3132Q-40GE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I5(1)	NX-OS 7.0(3)I5(1)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N3K-C3132Q-40GX	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I5(1)	NX-OS 7.0(3)I5(1)
Network Device Notes for above line : • Over SMF only. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N3K-C3132Q-40GX	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I5(1)	NX-OS 7.0(3)I5(1)
Network Device Notes for above line : • Over SMF only. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N3K-C3132Q-XL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I5(1)	NX-OS 7.0(3)I5(1)
Network Device Notes for above line : • Over SMF only. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N3K-C3132Q-V	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I5(1)	NX-OS 7.0(3)I5(1)
Network Device Notes for above line : • Over SMF only. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N3K-C3172TQ-32T	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I5(1)	NX-OS 7.0(3)I5(1)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N3K-C3172PQ-XL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I5(1)	NX-OS 7.0(3)I5(1)
Network Device Notes for above line : • Over SMF only. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N3K-C3172TQ-XL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I5(1)	NX-OS 7.0(3)I5(1)
Network Device Notes for above line : • Over SMF only. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N3K-C31108PC-V	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I5(1)	NX-OS 7.0(3)I5(1)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N3K-C31108TC-V	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I5(1)	NX-OS 7.0(3)I5(1)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N3K-C31128PQ-10GE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I5(1)	NX-OS 7.0(3)I5(1)
Network Device Notes for above line : • Native SFP+ ports. Over SMF only. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N3K-C3264Q	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I5(1)	NX-OS 7.0(3)I5(1)

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • Native SFP+ ports. Over SMF only. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N3K-C34180YC	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.2.2	—
Network Device Notes for above line : • SFP Ports (1-48). Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N3K-C34200YC-SM	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.2(2V)	NX-OS 9.2(2V)
Network Device Notes for above line : • SFP Ports (1-48). Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C4KTOR

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C4948-10GE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(54)S G	IOS 12.2(54)SG
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C4928-10GE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(54)S G	IOS 12.2(54)SG
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C4900M

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C4900M	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(54)S G	IOS 12.2(54)SG
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ME-4924-10GE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(54)S G	IOS 12.2(54)SG
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C3750

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3750E-24TD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	IOS 12.2(55)SE1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3750E-24PD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	IOS 12.2(55) SE1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3750E-48TD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	IOS 12.2(55) SE1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3750E-48PD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	IOS 12.2(55) SE1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3750E-48PDF	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	IOS 12.2(55) SE1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													

IE3300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IE-3300-8T2X-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information .	
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
IE-3300-8T2X-A	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information .	
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
IE-3300-8U2X-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information .	

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
IE-3300-8U2X-A	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information	
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													

C6500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-X6716-10G-3C	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(33)SX I4	IOS 12.2(33) SXI4
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-X6716-10G-3CXL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(33)SX I4	IOS 12.2(33) SXI4
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-X6708-10G-3C	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(33)SX I4	IOS 12.2(33) SXI4
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-X6708-10G-3CXL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(33)SX I4	IOS 12.2(33) SXI4
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
VS-S720-10G-3C	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(33)SX I4	IOS 12.2(33) SXI4
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
VS-S720-10G-3CXL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(33)SX I4	IOS 12.2(33) SXI4
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
AIR-CT5760-25-K9	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
AIR-CT5760-50-K9	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
AIR-CT5760-100-K9	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
AIR-CT5760-250-K9	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
AIR-CT5760-500-K9	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
AIR-CT5760-1K-K9	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
AIR-CT5760-HA-K9	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

N9300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-C93180YC-EX	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
Network Device Notes for above line : • SFP Ports (1-48). Only SMF fiber is supported, not MMF. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N9K-C93180YC-FX	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
Network Device Notes for above line : • SFP Ports (1-48). Only SMF fiber is supported, not MMF. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N9K-C93180YC-FX	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I7(1)	NX-OS 7.0(3)I7(1)
Network Device Notes for above line : • a) SFP Ports (1-48). ___ b) 40G breakout cable supported. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N9K-C9348GC-FXP	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.1(1)	ACI-N9KDK9-14.1(1)
Network Device Notes for above line : • SFP Ports (49-52). Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N9K-C9348GC-FXP	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 10.1.1	NX-OS 10.1.1
Network Device Notes for above line : • SFP Ports (49-52). Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N9K-C93240YC-FX2	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 703I7.3	NX-OS 703I7.3

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> SFP Ports (1-48). Breakout not supported. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C93240YC-FX2	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> SFP Ports (1-48). Breakout not supported. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-M12PQ	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)11(2)	NX-OS 7.0(3)11(2)
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-M6PQ-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)12(1)	NX-OS 7.0(3)12(1)
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C9372PX	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(2)13(2)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> SFP Ports (1-48). <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C9372PX-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)12(1)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> SFP Ports (1-48). <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C9332PQ	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)11(2)	NX-OS 7.0(3)11(2)
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C93120TX	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)11(2)	NX-OS 7.0(3)11(2)
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C9372TX-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)13(1)	NX-OS 7.0(3)13(1)
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C9396PX	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(2)13(2)	—
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C93360YC-FX2	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.3.1	NX-OS 9.3.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> SFP Ports (1-96). <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C93360YC-FX2	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.1(2)	ACI-N9KDK9-14.1(2)
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> SFP Ports (1-96). <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C93180YC-FX3S	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.3(5)	NX-OS 9.3(5)
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> a) SFP Ports (1-48). SyncE: network device and optic combination tested. ___ b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C93180YC-FX3	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-15.1(3)	ACI-N9KDK9-15.1(3)
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supported on ports 1-48 only. SyncE: network device and optic combination tested for ACI-N9KDK9-15.2.x onwards <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-C93108TC-FX3P	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.3(5)	NX-OS 9.3(5)
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C93108TC-FX3P	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-15.1(3)	ACI-N9KDK9-15.1(3)
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C93108TC-FX3	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 10.4(2)F	NX-OS 10.4(2)F
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • For QSFP ports, QSA28 (CVR-QSFP28-SFP25G) or QSA (CVR-QSFP-SFP10G) is required <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-C93108TC-FX3	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-16.0(5)	ACI-N9KDK9-16.0(5)
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • For QSFP ports, QSA28 (CVR-QSFP28-SFP25G) or QSA (CVR-QSFP-SFP10G) is required <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													

N9500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-X97160YC-EX	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)15(2)	NX-OS 7.0(3)15(2)
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • SFP ports (1-48) <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-X9564PX	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(2)13(2)	
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Downlinks. Supported in SMF up to 300m <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-X9464PX	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(2)13(2)	
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supported in SMF up to 300m <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
N9K-X9716D-GX	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 10.1(1)	NX-OS 10.1(1)
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • For QSFP-DD and QSFP28 Ports, QSA (CVR-QSFP-SFP10G) required <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													

C9500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9500-24Y4C	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.4.1	IOS XE 17.4.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> SFP Ports 1-24. Up to 150m reach on OM1 and OM2 fibres. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
C9500-48Y4C	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.4.1	IOS XE 17.4.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> SFP Ports 1-48. Up to 150m reach on OM1 and OM2 fibres. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
C9500-40X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supported only on SFP+ (10G) ports. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
C9500-NM-8X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supported only on SFP+ (10G) ports. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
C9500-16X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.8.1	IOS XE 16.8.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supported only on SFP+ (10G) ports. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
C9500X-60L4D	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.10.1	IOS XE 17.10.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> For QSFP28 and QSFP-DD ports, QSA (CVR-QSFP-SFP10G) is required <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													

C9300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9300-NM-8X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.5.1	IOS XE 16.5.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													

C3560

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3560E-24TD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	IOS 12.2(55)SE 1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3560E-24PD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	IOS 12.2(55)SE 1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3560E-48TD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	IOS 12.2(55)SE1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3560E-48PD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	IOS 12.2(55)SE1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3560E-48PDF	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	IOS 12.2(55)SE1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3560E-12SD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	IOS 12.2(55)SE1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3560E-12D	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	IOS 12.2(55)SE1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • With CVR-X2-SFP10G converter for X2 ports <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													

NCS4200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NCS4200-1T8LR-PS	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.18.0S	
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • For ASR903/ASR907/NCS4200 <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
NCS4201-SA	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
NCS 4201-SA	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
NCS4200-1T16G-PS	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.18	
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
NCS4200-8T-PS	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.18.0S	
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
NCS4202-SA	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													

ME3600X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ME-3600X-24FS-M	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(52)EY	IOS 12.2(52)EY
Network Device Notes for above line : • SFP+ ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ME-3600X-24TSM	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(52)EY	IOS 12.2(52)EY
Network Device Notes for above line : • SFP+ ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

ESS3300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ESS-3300-NCP-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information .	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ESS-3300-NCP-A	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information .	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C4500X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C4500X-32SFP+	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.0SG	IOS 3.0SG
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C4500X-F-32SFP+	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.0SG	IOS 3.0SG
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C4500X-40X-ES	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.0SG	IOS 3.0SG
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C4KX-NM-8SFP+	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.0SG	IOS 3.0SG
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C4500X-16SFP+	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.1SG	IOS 3.1SG
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C4500X-F-16SFP+	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.1SG	IOS 3.1SG
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C4500X-24X-ES	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.1SG	IOS 3.1SG
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C2960XR

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2960XR-24TD-I	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C2960XR-48TD-I	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C2960XR-24PD-I	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C2960XR-48LPD-I	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C2960XR-48FPD-I	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C6000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-X6908-10G-2T	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(1)SY1	IOS 15.0(1)SY1
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X6908-10G-2TXL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(1)SY1	IOS 15.0(1)SY1
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X6904-40G-2T	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(1)SY1	IOS 15.0(1)SY1
Network Device Notes for above line : • With CVR-CFP-4SFP10G FourX converter for CFP ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-X6904-40G-2TXL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(1)SY1	IOS 15.0(1)SY1
Network Device Notes for above line : • With CVR-CFP-4SFP10G FourX converter for CFP ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
VS-S2T-10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(1)SY1	IOS 15.0(1)SY1
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
VS-S2T-10G-XL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(1)SY1	IOS 15.0(1)SY1
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C8300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C8300-2N2S-4T2X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.3.2	IOS XE 17.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C8300-1N1S-4T2X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.3.2	IOS XE 17.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C-NIM-1X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.3.2	IOS XE 17.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

ASR901

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
A901-6CZ-F-D	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)SN H1
Network Device Notes for above line : • SFP+ ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A901-6-CZ-FT-D	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)SN H1
Network Device Notes for above line : • SFP+ ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A901-6CZ-F-A	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)SN H1
Network Device Notes for above line : • SFP+ ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A901-6-CZ-FT-A	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)SN H1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • SFP+ ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C2360

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
2360-48TD-S	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)EY	—
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

ASAHIGH

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ASA 5585-X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	ASA 8.2.5	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

ASR903

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
A900-IMA8S1Z	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.18.0S	
Network Device Notes for above line : • For ASR903/ASR907/NCS4200 Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A900-IMA8T1Z	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.18.0S	
Network Device Notes for above line : • For ASR903/ASR907/NCS4200 Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A900-IMA2Z	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.18.0S	
Network Device Notes for above line : • For ASR903/ASR907/NCS4200 Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A900-IMA2Z	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.18.0S	
Network Device Notes for above line : • For ASR903/ASR907/NCS4200 Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A900-IMA2Z	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.14.0S	
Network Device Notes for above line : • For ASR920/NCS4201/NCS4202 Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A900-IMA2Z	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.14.0S	

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • For ASR920/NCS4201/NCS4202 Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A900-IMA8Z	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.18.0S	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A900-IMA8CS1Z-M	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.18	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C4900

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C4948E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(54)S G	IOS 12.2(54)SG
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X4904-10GE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(54)S G	IOS 12.2(54)SG
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X4908-10GE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(54)S G	IOS 12.2(54)SG
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C4948E-F	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(54)S G	IOS 12.2(54)SG
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

NCS560

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
A900-IMA-8CS1Z	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.4.1	IOS XR 7.4.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
A900-IMA-8Z-L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.4.1	IOS XR 7.4.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

N9200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-C92160YC-X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I3.1	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • Supported in SMF up to 300m													
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N9K-C92300YC	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 70316.1	—
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N9K-C92348GC-X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 10.1.1	NX-OS 10.1.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

CRS

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
40x10GE-WLO	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 5.1.1	IOS XR 5.1.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

NCS520

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N520-4G4Z	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N520-X-4G4Z	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N520-20G4Z	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N520-X-20G4Z	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C3650

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3650-12X48UZ	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-24TD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-48TD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3650-24PD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-24PDM	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-48PD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-48FD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-48PQ	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-48TQ	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-48TQ	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 16.3.5	IOS 16.3.5
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-8X24PD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.2.1	IOS XE 16.2.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-8X24UQ	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-12X48UQ	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-12X48UR	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-48FQM	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3650-48FQ	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.0SE	IOS XE 3.3.0SE
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

N7700

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N77-M324FQ-25L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 8.2(1)	NX-OS 8.2(1)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N77-F324FQ-25	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 8.2(1)	NX-OS 8.2(1)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
N77-F248XP-23E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.2(2)	NX-OS 6.2(2)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N77-M348XP-23L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.3(0)DX(1)	NX-OS 7.3(0)DX(1)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C8500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C8500-12X4QC	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.3.2	IOS XE 17.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C8500-12X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.3.2	IOS XE 17.3.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C8500L-8S4X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.4.1	IOS XE 17.4.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C8500-20X6C	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.10.1	IOS XE 17.10.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C3850

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3850-48F	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Network Device Notes for above line : • With C3850-NM-2-10G or C3850-NM-4-10G uplink modules Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3850-48XS	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.7.2	IOS XE 3.7.2
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3850-48XS	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.2.1	IOS XE 16.2.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3850-48T	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Network Device Notes for above line : • With C3850-NM-2-10G or C3850-NM-4-10G uplink modules Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3850-48P	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Network Device Notes for above line : • With C3850-NM-2-10G or C3850-NM-4-10G uplink modules Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3850-24P	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Network Device Notes for above line : • With C3850-NM-2-10G or C3850-NM-4-10G uplink modules Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3850-24T	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • With C3850-NM-2-10G or C3850-NM-4-10G uplink modules <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3850-12S	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • With C3850-NM-2-10G or C3850-NM-4-10G or C3850-NM-8-10G uplink modules <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3850-24S	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • With C3850-NM-2-10G or C3850-NM-4-10G or C3850-NM-8-10G uplink modules <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3850-12XS	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.7.1E	IOS XE 3.7.1E
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • With C3850-NM-4-10G network module <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3850-12XS	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.1.1	IOS XE 16.1.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3850-16XS	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.7.1E	IOS XE 3.7.1E
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • With C3850-NM-8-10G uplink modules <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3850-24XS	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.7.1E	IOS XE 3.7.1E
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • With C3850-NM-8-10G uplink modules <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3850-24XS	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.1.1	IOS XE 16.1.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
WS-C3850-32XS	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.7.1E	IOS XE 3.7.1E
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • With C3850-NM-8-10G uplink modules <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
C3850-NM-2-10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN with minimum software of IOS XE 16.6.1. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
C3850-NM-4-10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN with minimum software of IOS XE 16.6.1. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													
C3850-NM-8-10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN with minimum software of IOS XE 16.6.1. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • SFP-10G-LRM can be used on SMF with a maximum reach of 300m 													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C6800-32P10G-XL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6800-16P10G-XL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6800-8P10G-XL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6800-32P10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6800-16P10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6800-8P10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6800-SUP6T	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.3(1)SY	IOS 15.3(1)SY
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6800-SUP6T-XL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.3(1)SY	IOS 15.3(1)SY
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6824-X-LE-40G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)SY	IOS 15.2(2)SY
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6840-X-LE-40G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)SY	IOS 15.2(2)SY
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6880-X-LE-16P10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.1(2)SY1	IOS 15.1(2)SY1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6880-X-16P10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.1(2)SY1	IOS 15.1(2)SY1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6816-X-LE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)SY	IOS 15.2(2)SY
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6832-X-LE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)SY	IOS 15.2(2)SY
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6800IA-48FPDR	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.1(2)SY3	IOS 15.1(2)SY3
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C6880-X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.1(2)SY1	IOS 15.1(2)SY1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C6880-X-LE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.1(2)SY1	IOS 15.1(2)S Y1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C4500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-X4606-X2-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(54)S G	IOS 12.2(54) SG
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X45-SUP9-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.10	IOS XE 3.10
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X4013+10GE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(54)S G	IOS 12.2(54) SG
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X4516-10GE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(54)S G	IOS 12.2(54) SG
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X45-SUP6-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(54)S G	IOS 12.2(54) SG
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X45-SUP6L-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(54)S G	IOS 12.2(54) SG
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X4712-SFP+E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.1.0SG	IOS 3.1.0SG
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X45-SUP7-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.1.0SG	IOS 3.1.0SG
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X45-SUP7L-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.2.0XO	IOS 3.2.0XO
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X45-SUP8-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.0XO	IOS 3.0XO
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-X45-SUP8L-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.8.1E	IOS 3.8.1E
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

AIRCTI2

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
AIR-CT5520	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	8.1	

Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

FPRUHI

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR9K-NM-8X10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	

Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

FPR9K-SM-24	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

FPR9K-SM-36	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

FPR9K-SM-40	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

FPR9K-SM-44	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR9K-SM-48	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	

Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

FPR9K-SM-56	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

C9400

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9400-SUP-1	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1

Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

C9400-SUP-1XL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.2	IOS XE 16.6.2
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

C9400-LC-24XS	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.2	IOS XE 16.6.2
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

C9400-SUP-1XL-Y	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.9.1	IOS XE 16.9.1
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Network Device Notes for above line :

- Not supported on dual speed ports (port #1 and port #5)

Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

C9400-LC-48XS	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.8.1	IOS XE 17.8.1
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

C9400-LC-24XY	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.12.1	IOS XE 17.12.1
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

C9400-LC-12QC	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.12.1	IOS XE 17.12.1
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Network Device Notes for above line :

- For QSFP ports, QSA28 (CVR-QSFP28-SFP25G) required.

Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
UCSX-FI-6454-U	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
UCSX-FI-64108-U	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C9200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9200-NM-4X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.10.1	IOS XE 16.10.1
Network Device Notes for above line : • Uplink module for C9200-24P/48P/24T/48T													
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C9200-NM-4X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.12.2	IOS XE 16.12.2
Network Device Notes for above line : • Uplink module for C9200-24PXG/C9200-48PXG													
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C9200-NM-4X	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.3.1	IOS XE 17.3.1
Network Device Notes for above line : • Uplink module for C9200-48PL													
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C3560CX

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3560CX-12PD-S	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(3)E	IOS 15.2(3)E
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3560CX-8XPD-S	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(3)E	IOS 15.2(3)E
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

CBR8

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
CBR-SUP-8X10G-PIC	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.18SP	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
CBR-SUP-8X10G-PIC	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.7.1	IOS XE 16.7.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

ESS3000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ESS-3300-NCP-E	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information .	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ESS-3300-NCP-A	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information .	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

ME3800X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ME-3800X-24FS-M	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(52)EY	IOS 12.2(52)EY
Network Device Notes for above line : • SFP+ ports													
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

FPRMID

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR2K-NM-8X10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
FPR-2130	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR-2140	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets, installation guides, and release notes for software configurations.	

Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

C2960X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C2960X-HYBRID-STK	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(6)E	IOS 15.2(6)E

Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

C2960X-HYBRID-STK	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.10.0E	IOS 3.10.0E
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

C2960X-FIBER-STK	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(6)E	IOS 15.2(6)E
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

C2960X-FIBER-STK	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.10.0E	IOS 3.10.0E
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

WS-C2960X-24TD-L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

WS-C2960X-24PD-L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

WS-C2960X-48TD-L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

WS-C2960X-48LPD-L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

WS-C2960X-48FPD-L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

OS

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-CBS3120X-S	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE1	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-CBS3130X-S	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	—
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-CBS3110X-S	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 1	—
Network Device Notes for above line : • With CVR-X2-SFP10G converter for X2 ports Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C3560X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3560X-24T	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3560X-48T	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3560X-24P	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3560X-48P	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3560X-48PF	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C9800

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9800-40-K9	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C9800-L-F-K9	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C9800-80-K9	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C9800-10X10GE	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C9600

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9600-LC-48YL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.4.1	IOS XE 17.4.1
Network Device Notes for above line : • When in use with C9600-SUP-1. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C9600-LC-48YL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.7.1	IOS XE 17.7.1
Network Device Notes for above line : • When in use with C9600X-SUP-2. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
C9600X-LC-56YL4C	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.13.1	IOS XE 17.13.1
Network Device Notes for above line : • When in use with C9600X-SUP-2. Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C9400X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9400X-SUP-2	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.7.1	IOS XE 17.7.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9400X-SUP-2XL	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.7.1	IOS XE 17.7.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

C3750X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3750X-24T	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3750X-48T	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3750X-24P	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3750X-48P	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3750X-48PF	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3750X-12S	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 5	IOS 12.2(55)SE5
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C3750X-24S	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(55)SE 5	IOS 12.2(55)SE5
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

ASR920

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ASR-920-10SZ	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ASR-920-12CZ	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ASR-920-12SZ-IM	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ASR-920-24SZ-M	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ASR-920-24SZ-IM	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ASR-920-4SZ	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ASR-920-24TZ-M	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ASR-920-12SZ	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.9.1	IOS XE 16.9.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ASR-920-20SZ-M	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ASR-920-10SZ-PD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
ASR-920-8S4Z-PD	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

FPRHIGH

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR4K-NM-8X10G	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR-4110	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
FPR-4120	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
FPR-4140	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
FPR-4150	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
FPR-4112	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
FPR-4115	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR-4125	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	

Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

FPR-4145	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please refer to Firepower product datasheets ; installation guides, and release notes for software configurations.	
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

UCSB

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
UCS-FI-6454	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)

Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

UCS-FI-64108	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

UCS-FI-64108-U	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

UCS-FI-6454-U	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

NCS5500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NCS-57C3-MOD-S	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.4.1	IOS XR 7.4.1

Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

NCS-57C3-MOD-SE-S	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.4.1	IOS XR 7.4.1
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Transceiver Notes for above line :

- SFP-10G-LRM can be used on SMF with a maximum reach of 300m

C2960S

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2960S-48FPD-L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE 1	IOS 12.2(53) SE1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C2960S-48LPD-L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE 1	IOS 12.2(53) SE1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C2960S-24PD-L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE 1	IOS 12.2(53) SE1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C2960S-48TD-L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE 1	IOS 12.2(53) SE1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													
WS-C2960S-24TD-L	SFP-10G-LRM	TMG	10 Gbps	SFP+	220m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 12.2(53)SE 1	IOS 12.2(53) SE1
Transceiver Notes for above line : • SFP-10G-LRM can be used on SMF with a maximum reach of 300m													