

Cisco SFP-10G-SR-X Compatibility Matrix Datasheet



C9400

C9500

UCSB

CRS

NCS5000

NCS5500

NCS6000

C9300

ASR9000

ASR1000

ASR903

ASR901

ASR920

NCS4200

IE5000

C3850

C3650

NCS540

NCS560

C9600

C9300L

C9800

IE3300

NCS520

C8500

C9300X

ESS3000

C9300LM

IE9300

[C9300L](#)

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
C9300L-24T-4X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.1	IOS XE 16.12.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9300L-48T-4X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.1	IOS XE 16.12.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9300L-24P-4X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.1	IOS XE 16.12.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9300L-48P-4X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.1	IOS XE 16.12.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9300L-24UXG-4X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.2	IOS XE 16.12.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9300L-48UXG-4X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.2	IOS XE 16.12.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9300L-48PF-4X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.2	IOS XE 16.12.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	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 : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-8Z	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.6.25	IOS XR 6.6.25
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A900-IMA-8CS1Z	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.6.25	IOS XR 6.6.25
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N560-IMA-8Q/4L	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.4.1	IOS XR 7.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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
ASR-9000V-AC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.2	IOS XR 4.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-9000V-DC-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.2	IOS XR 4.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-9000V-DC-E	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.2	IOS XR 4.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-9000V-24-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.1.0	IOS XR 5.1.0
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9KV-V2-AC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.2	IOS XR 4.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9KV-V2-DC-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.2	IOS XR 4.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9KV-V2-DC-E	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.2	IOS XR 4.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-24X10GE-SE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.2.0	IOS XR 4.2.0
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-24X10GE-TR	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.2.0	IOS XR 4.2.0
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-36X10GE-SE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.2.0	IOS XR 4.2.0
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-36X10GE-TR	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.2.0	IOS XR 4.2.0
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-MPA-8X10GE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.1	IOS XR 4.3.1
Network Device Notes for above line : • On MOD80 and MOD160.													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-MPA-8X10GE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.3.2	IOS XR 5.3.2
Network Device Notes for above line : • On MOD200 and MOD400.													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-24X10GE-1G-SE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.3.2	IOS XR 64 Bit 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-24X10GE-1G-SE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-24X10GE-1G-TR	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.3.2	IOS XR 64 Bit 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-24X10GE-1G-TR	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2

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 : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-48X10GE-1G-SE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.3.2	IOS XR 64 Bit 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-48X10GE-1G-SE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-48X10GE-1G-TR	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.3.2	IOS XR 64 Bit 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-48X10GE-1G-TR	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-MPA-20X10GE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.3.2	IOS XR 5.3.2
Network Device Notes for above line : • On MOD400.													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-MPA-20X10GE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.0.1	IOS XR 6.0.1
Network Device Notes for above line : • On MOD200.													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-400G-DWDM-TR	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.2.1	IOS XR 64 Bit 6.2.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-400G-DWDM-TR	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.3.3	IOS XR 5.3.3
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A99-48X10GE-1G-SE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.5.2	IOS XR 64 Bit 6.5.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A99-48X10GE-1G-SE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.2	IOS XR 6.5.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A99-48X10GE-1G-TR	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.5.2	IOS XR 64 Bit 6.5.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A99-48X10GE-1G-TR	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.2	IOS XR 6.5.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-9901	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.4.1	IOS XR 64 Bit 6.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-4HG-FLEX-TR	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-4HG-FLEX-SE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A99-4HG-FLEX-TR	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1

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
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A99-4HG-FLEX-SE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-9902	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9903-8HG-PEC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-9902-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-4HG-FLEX-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A99-4HG-FLEX-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9903-8HG-PEC-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A99-48X10GE-1G-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 bit 6.5.2	IOS XR 64 bit 6.5.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A99-48X10GE-1G-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.2	IOS XR 6.5.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-24X10GE-1G-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 bit 6.3.2	IOS XR 64 bit 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-24X10GE-1G-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-MPA-8X10GE-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.1	IOS XR 4.3.1
Network Device Notes for above line : • On MOD80 and MOD160.													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-MPA-8X10GE-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.3.2	IOS XR 5.3.2
Network Device Notes for above line : • On MOD200 and MOD400.													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-MPA-20X10GE-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.3.2	IOS XR 5.3.2
Network Device Notes for above line : • On MOD400.													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-MPA-20X10GE-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.0.1	IOS XR 6.0.1

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 : • On MOD200.													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-9901-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 bit 6.4.1	IOS XR 64 bit 6.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-48X10GE-1G-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 bit 6.3.2	IOS XR 64 bit 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A9K-48X10GE-1G-FC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

NCS540

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
N540-24Z8Q2C-SYS	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540-ACC-SYS	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540X-ACC-SYS	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540X-16Z4G8Q2C-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540X-16Z4G8Q2C-D	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540-28Z4C-SYS-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540-28Z4C-SYS-D	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540X-12Z16G-SYS-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540X-12Z16G-SYS-D	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540-12Z20G-SYS-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540-12Z20G-SYS-D	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540X-8Z16G-SYS-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.3.1	IOS XR 7.3.1

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
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540X-8Z16G-SYS-D	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540X-6Z18G-SYS-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540X-6Z18G-SYS-D	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540-FH-CSR-SYS	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540X-4Z14G2Q-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.4.1	IOS XR 7.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540X-4Z14G2Q-D	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.4.1	IOS XR 7.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540-24Q8L2DD-SYS	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.4.1	IOS XR 7.4.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540-FH-AGG-SYS	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.3.2	IOS XR 7.3.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540-6Z18G-SYS-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.8.1	IOS XR 7.8.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540-6Z18G-SYS-D	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.8.1	IOS XR 7.8.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540-6Z14G-SYS-D	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.5.2	IOS XR 7.5.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N540X-16Z8Q2C-D	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.5.2	IOS XR 7.5.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.1.1	IOS XR 5.1.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N520-X-4G4Z	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N520-20G4Z	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N520-X-20G4Z	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-C3650-24PD	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.10.1	IOS 16.10.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
WS-C3650-24PDM	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.10.1	IOS 16.10.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
WS-C3650-48PD	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.10.1	IOS 16.10.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
WS-C3650-48PQ	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.10.1	IOS 16.10.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
WS-C3650-48TQ	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.10.1	IOS 16.10.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
WS-C3650-8X24PD	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.10.1	IOS 16.10.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
WS-C3650-8X24UQ	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.10.1	IOS 16.10.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
WS-C3650-12X48UQ	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.10.1	IOS 16.10.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
WS-C3650-12X48UR	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.10.1	IOS 16.10.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
WS-C3650-48FQM	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.10.1	IOS 16.10.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	

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 :
• FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	

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 :
• FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.3.2	IOS XE 17.3.2

Transceiver Notes for above line :
• FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m

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
C8500-12X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.3.2	IOS XE 17.3.2

Transceiver Notes for above line :
• FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m

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
C8500L-8S4X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.4.1	IOS XE 17.4.1

Transceiver Notes for above line :
• FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m

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-C3850-48XS	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1

Transceiver Notes for above line :
• FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m

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-C3850-12XS	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1

Transceiver Notes for above line :
• FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m

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-C3850-24XS	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1

Transceiver Notes for above line :
• FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m

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
C3850-NM-2-10G	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1

Network Device Notes for above line :
• Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN with minimum software of IOS XE 16.6.1.

Transceiver Notes for above line :
• FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m

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
C3850-NM-4-10G	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1

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 : • Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN with minimum software of IOS XE 16.6.1. Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C3850-NM-8-10G	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1
Network Device Notes for above line : • Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN with minimum software of IOS XE 16.6.1. Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

ASR1000

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
ASR1001-X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.12.0a	
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR1002-HX	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.2S	IOS XE 16.2S
Network Device Notes for above line : • ASR 1000 platform with SPA cards: Software support on the ASR 1000 modular platforms is determined by the platform on which the SPA is installed. Refer to the SPA release notes for the correct software release. Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR1001-HX	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.3.1	IOS XE 16.3.1
Network Device Notes for above line : • ASR 1000 platform with SPA cards: Software support on the ASR 1000 modular platforms is determined by the platform on which the SPA is installed. Refer to the SPA release notes for the correct software release. Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
EPA-10X10GE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.3.1	IOS XE 16.3.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

IE9300

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-9320-22S2C4X-E	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. 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 : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
IE-9320-22S2C4X-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	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"> • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. 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"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													
IE-9320-24T4X-E	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	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"> • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. 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"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													
IE-9320-24T4X-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	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"> • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. 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"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													
IE-9320-24P4X-E	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	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"> • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. 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"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													
IE-9320-24P4X-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	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"> • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. 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"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													
IE-9320-16P8U4X-E	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	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"> • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. 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"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													
IE-9320-16P8U4X-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	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"> • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. 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"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													

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-LC-24XY	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.12.1	IOS XE 17.12.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													
C9400-LC-12QC	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.12.1	IOS XE 17.12.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • For QSFP ports, QSA28 (CVR-QSFP28-SFP25G) required. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													

C9300X

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
C9300X-12Y	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.5.1	IOS XE 17.5.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													
C9300X-24Y	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.5.1	IOS XE 17.5.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													
C9300X-NM-8Y	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.5.1	IOS XE 17.5.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.11.1	IOS XE 16.11.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • SFP Ports 1-24 <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													
C9500-48Y4C	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.11.1	IOS XE 16.11.1
<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"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													
C9500-40X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m 													
C9500-NM-8X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1

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
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9500-16X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9500X-28C8D	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.7.1	IOS XE 17.7.1
Network Device Notes for above line : • For QSFP28 and QSFP-DD ports, QSA (CVR-QSFP-SFP10G) is required													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9500X-60L4D	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.10.1	IOS XE 17.10.1
Network Device Notes for above line : • For QSFP28 and QSFP-DD ports, QSA (CVR-QSFP-SFP10G) is required													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-2Y	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1
Network Device Notes for above line : • Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9300-NM-8X	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.13.0S	
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NCS4201-SA	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NCS4202-SA	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum	

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
												software release information .	
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ESS-3300-NCP-E	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ESS-3300-NCP-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ESS-3300-NCP-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

NCS6000

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-6008	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.0.0	IOS XR 5.0.0
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NC6-60X10GE-L-S	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.0.1	IOS XR 5.0.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NC6-60X10GE-M-S	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.0.1	IOS XR 5.0.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-L-F-K9	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9800-80-K9	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9800-10X10GE	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.1	IOS XE 16.12.1
Network Device Notes for above line : • When in use with C9600-SUP-1. Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9600-LC-48YL	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	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 : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9600-LC-40YL4CD	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	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 : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9600-LC-40YL4CD	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.8.1	IOS XE 17.8.1
Network Device Notes for above line : • When in use with C9600-SUP-1. Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9600X-LC-56YL4C	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	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 : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

C9300LM

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
C9300LM-24U-4Y	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.1	IOS XE 17.9.1

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
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9300LM-48U-4Y	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.1	IOS XE 17.9.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9300LM-48UX-4Y	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.1	IOS XE 17.9.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
C9300LM-48T-4Y	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.1	IOS XE 17.9.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-920-12CZ	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-920-12SZ-IM	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-920-24SZ-M	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-920-24SZ-IM	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-920-4SZ	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-920-24TZ-M	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-920-12SZ	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.9.1	IOS XE 16.9.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-920-20SZ-M	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-920-10SZ-PD	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
ASR-920-8S4Z-PD	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)S NH1
Network Device Notes for above line : • SFP+ ports Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A901-6-CZ-FT-D	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)S NH1
Network Device Notes for above line : • SFP+ ports Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A901-6CZ-F-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)S NH1
Network Device Notes for above line : • SFP+ ports Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A901-6-CZ-FT-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)S NH1
Network Device Notes for above line : • SFP+ ports Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-M-6324	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v3.1(1e)	UCS Manager v3.1(1e)
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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
NC55-MOD-A-S	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NCS-55A2-MOD-S	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NC55-MPA-12T-S	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NC55-MOD-A-SE-S	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.6.1	IOS XR 6.6.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NCS-55A2-MOD-HD-S	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-55A2-MOD-SE-S	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.6.1	IOS XR 6.6.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NCS-55A2-MOD-HX-S	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NCS-55A2-MOD-SE-H-S	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.6.1	IOS XR 6.6.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NC55-32T16Q4H-A	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.2.2	IOS XR 7.2.2
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NC57-MPA-12L-S	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.6.1	IOS XR 7.6.1
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NC55-OIP-02	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.7.1	IOS XR 7.7.1
Network Device Notes for above line : • Supported on NCS-57C3 and NCS-55A2													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

NCS5000

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-5001	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.0.0	IOS XR 6.0.0
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
NCS-5002	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.0.0	IOS XR 6.0.0
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													

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-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.13.0S	
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A900-IMA8T1Z	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.13.0S	
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A900-IMA2Z	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.13.0S	
Network Device Notes for above line : • For ASR903/ASR907/NCS4200													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
A900-IMA2Z	SFP-10G-SR-X	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.14.0S	
Network Device Notes for above line : • For ASR920/NCS4201/NCS4202													
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													