



**Compatible Devices**

- C2960S
- C2960X
- C2960XR
- C9400
- C9500
- N3500
- N5000
- N6000
- N7000
- NCS5000
- NCS5500
- C3560CX
- C6800
- AIRCTU
- C4900
- N9300
- N3000
- C9300
- N9500
- N9200
- ASR9000
- C6000
- ASR903
- ASR920
- NCS4200
- ME3600X
- ME3800X
- C4500
- C4500X
- C3850
- C3750X
- C3650
- C3560X

C2960S  
 NCS540  
 NCS560  
 C9200  
 C9200L  
 C9600  
 C9300L  
 C9800  
 N7700  
 NCS520  
 C8500  
 C8300  
 C9300X  
 C9400X  
 C9200CX  
 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.12.1	IOS XE 16.12.1
C9300L-48T-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.12.1	IOS XE 16.12.1
C9300L-24P-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.12.1	IOS XE 16.12.1
C9300L-48P-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.12.1	IOS XE 16.12.1
C9300L-24UXG-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.12.2	IOS XE 16.12.2
C9300L-48UXG-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.12.2	IOS XE 16.12.2
C9300L-48PF-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.12.2	IOS XE 16.12.2

## 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-9001	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 5.1.1	IOS XR 5.1.1
A9K-4T16GE-TR	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 5.3.0	IOS XR 5.3.0
A9K-4T16GE-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 5.3.0	IOS XR 5.3.0
ASR-9001-S	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 5.1.1	IOS XR 5.1.1
A9K-16T8-B	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 4.2.3	IOS XR 4.2.3

Network Device Notes for above line :  
 • All 40 DWDM wavelengths

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-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 4.2.3	IOS XR 4.2.3
A9K-24X10GE-TR	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 4.2.3	IOS XR 4.2.3
A9K-36X10GE-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 4.2.3	IOS XR 4.2.3
A9K-36X10GE-TR	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 4.2.3	IOS XR 4.2.3
A9K-MPA-8X10GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 4.3.1	IOS XR 4.3.1
Network Device Notes for above line : • On MOD80 and MOD160.													
A9K-MPA-8X10GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 5.3.2	IOS XR 5.3.2
Network Device Notes for above line : • On MOD200 and MOD400.													
A9K-MPA-8X10GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.3.1	IOS XR 64 Bit 6.3.1
Network Device Notes for above line : • Supports all 40 wavelengths. On MOD200 and MOD400													
A9K-24X10GE-1G-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.3.2	IOS XR 64 Bit 6.3.2
A9K-24X10GE-1G-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
A9K-24X10GE-1G-TR	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.3.2	IOS XR 64 Bit 6.3.2
A9K-24X10GE-1G-TR	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
A9K-48X10GE-1G-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.3.2	IOS XR 64 Bit 6.3.2
A9K-48X10GE-1G-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
A9K-48X10GE-1G-TR	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.3.2	IOS XR 64 Bit 6.3.2
A9K-48X10GE-1G-TR	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
A9K-MPA-20X10GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 5.3.2	IOS XR 5.3.2
Network Device Notes for above line : • On MOD400.													
A9K-MPA-20X10GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.0.1	IOS XR 6.0.1
Network Device Notes for above line : • On MOD200.													
A9K-MPA-20X10GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.4.1	IOS XR 64 Bit 6.4.1
Network Device Notes for above line : • On MOD200 and MOD400. All 40 wavelengths.													
A9K-400G-DWDM-TR	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 5.3.3	IOS XR 5.3.3
A99-48X10GE-1G-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.5.2	IOS XR 64 Bit 6.5.2
A99-48X10GE-1G-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.5.2	IOS XR 6.5.2
A99-48X10GE-1G-TR	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.5.2	IOS XR 64 Bit 6.5.2
A99-48X10GE-1G-TR	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.5.2	IOS XR 6.5.2
ASR-9901	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.5.2	IOS XR 64 Bit 6.5.2
A99-48X10GE-1G-FC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 bit 6.5.2	IOS XR 64 bit 6.5.2
A99-48X10GE-1G-FC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.5.2	IOS XR 6.5.2
A9K-24X10GE-1G-FC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 bit 6.3.2	IOS XR 64 bit 6.3.2
A9K-24X10GE-1G-FC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
A9K-MPA-8X10GE-FC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 4.3.1	IOS XR 4.3.1
Network Device Notes for above line : • On MOD80 and MOD160.													
A9K-MPA-8X10GE-FC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 5.3.2	IOS XR 5.3.2
Network Device Notes for above line : • On MOD200 and MOD400.													

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-MPA-8X10GE-FC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 bit 6.3.1	IOS XR 64 bit 6.3.1
Network Device Notes for above line : • Supports all 40 wavelengths. On MOD200 and MOD400													
A9K-MPA-20X10GE-FC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 5.3.2	IOS XR 5.3.2
Network Device Notes for above line : • On MOD400.													
A9K-MPA-20X10GE-FC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.0.1	IOS XR 6.0.1
Network Device Notes for above line : • On MOD200.													
A9K-MPA-20X10GE-FC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 bit 6.4.1	IOS XR 64 bit 6.4.1
Network Device Notes for above line : • On MOD200 and MOD400. All 40 wavelengths.													
ASR-9901-FC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 bit 6.5.2	IOS XR 64 bit 6.5.2
A9K-48X10GE-1G-FC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 64 bit 6.3.2	IOS XR 64 bit 6.3.2
A9K-48X10GE-1G-FC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2

## 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-M132XP-12L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(1)	NX-OS 6.1(1)
N7K-M224XP-23L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(1)	NX-OS 6.1(1)
N7K-F312FQ-25	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 8.2(1)	NX-OS 8.2(1)
N7K-F132XP-15	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(1)	NX-OS 6.1(1)
N7K-F248XP-25	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(1)	NX-OS 6.1(1)
N7K-F248XP-25E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(2)	NX-OS 6.1(2)
N7K-F348XP-25	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.2(12)	NX-OS 6.2(12)
N7K-M348XP-25L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 8.0(1)	NX-OS 8.0(1)
N7K-M324FQ-25L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 8.2(1)	NX-OS 8.2(1)

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Network Device Notes for above line : • Supported on SFP10 ports 0-23 only													
N540-ACC-SYS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Network Device Notes for above line : • Supported on SFP10 ports 0-23 only													
N540X-ACC-SYS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Network Device Notes for above line : • Supported on SFP10 ports 0-23 only													
N540X-16Z4G8Q2C-A	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.1.1	IOS XR 7.1.1
Network Device Notes for above line : • Supported on SFP10 ports 4-19 only													

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
N540X-16Z4G8Q2C-D	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.1.1	IOS XR 7.1.1
Network Device Notes for above line : • Supported on SFP10 ports 4-19 only													
N540X-12Z16G-SYS-A	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.1.1	IOS XR 7.1.1
Network Device Notes for above line : • Supported on SFP10 ports 4-19 only													
N540X-12Z16G-SYS-D	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.1.1	IOS XR 7.1.1
Network Device Notes for above line : • Supported on SFP10 ports 4-19 only													
N540X-4Z14G2Q-A	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.6.1	IOS XR 7.6.1
N540X-4Z14G2Q-D	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.6.1	IOS XR 7.6.1
N540X-16Z8Q2C-D	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.5.2	IOS XR 7.5.2

## 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-C3232C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I4(1)	NX-OS 7.0(3)I4(1)
Network Device Notes for above line : • Native SFP+ ports													
N3K-C3232C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I5(1)	
N3K-C36180YC-R	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.3(3)	NX-OS 9.3(3)
N3K-C3064PQ-10GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 5.0(3)U3(2b)	NX-OS 5.0(3)U3(2b)
Network Device Notes for above line : • Native SFP+ ports													
N3K-C3064PQ-10GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.0(2)U2(1)	—
N3K-C3064PQ-10GX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 5.0(3)U4(1)	NX-OS 5.0(3)U4(1)
Network Device Notes for above line : • Native SFP+ ports													
N3K-C3064PQ-10GX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.0(2)U2(1)	—
N3K-C3016Q-40GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.0(2)U2(1)	—
N3K-C3064TQ-32T	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.0(2)U2(1)	—
N3K-C3064TQ-10GT	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.0(2)U2(1)	—
N3K-C3132Q-40GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.0(2)U2(1)	NX-OS 6.0(2)U2(1)
N3K-C3132Q-40GX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I2(1a)	NX-OS 7.0(3)I2(1a)
Network Device Notes for above line : • Native SFP+ ports													
N3K-C3132Q-40GX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I3(1)	NX-OS 7.0(3)I3(1)
N3K-C3132Q-XL	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I2(2)	NX-OS 7.0(3)I2(2)
Network Device Notes for above line : • For native SFP+ ports only.													
N3K-C3132Q-V	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I4(1)	NX-OS 7.0(3)I4(1)
Network Device Notes for above line : • For native SFP+ ports only.													

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-C3172TQ-32T	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.0(2)U4(1)	NX-OS 6.0(2)U4(1)
N3K-C3172PQ-10GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.0(2)U3(1)	NX-OS 6.0(2)U3(1)
N3K-C3172PQ-XL	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I2(2)	NX-OS 7.0(3)I2(2)
N3K-C3172TQ-XL	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I2(2)	NX-OS 7.0(3)I2(2)
N3K-C31108PC-V	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I4(1)	NX-OS 7.0(3)I4(1)
N3K-C31108TC-V	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I4(1)	NX-OS 7.0(3)I4(1)
N3K-C31128PQ-10GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I4(1)	NX-OS 7.0(3)I4(1)

Network Device Notes for above line :

- Native SFP+ ports

N3K-C3264Q	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I4(1)	NX-OS 7.0(3)I4(1)
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Network Device Notes for above line :

- Native SFP+ ports

N3K-C3048TP-1GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 5.0(3)U4(1)	NX-OS 5.0(3)U4(1)
N3K-C3264C-E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.2(1)	NX-OS 9.2(1)

Network Device Notes for above line :

- For QSFP Ports (1-64), QSA (CVR-QSFP-SFP10G) required.

N3K-C3132C-Z	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.2(2)	NX-OS 9.2(2)
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Network Device Notes for above line :

- For QSFP Ports (1-32), QSA (CVR-QSFP-SFP10G) required.

N3K-C34180YC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.2.2	—
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Network Device Notes for above line :

- SFP Ports (1-48).

N3K-C34200YC-SM	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.2(2V)	NX-OS 9.2(2V)
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Network Device Notes for above line :

- SFP Ports (1-48).

## AIRCTU

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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
AIR-CT5760-50-K9	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
AIR-CT5760-100-K9	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
AIR-CT5760-250-K9	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
AIR-CT5760-500-K9	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
AIR-CT5760-1K-K9	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
AIR-CT5760-HA-K9	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-11.3(2)	ACI-N9KDK9-13.0(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 : • a) SFP Ports (1-48). ___ b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required, Min SW Release ACI-N9KDK9-12.1(1).													
N9K-C93180YC-EX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 (1-48).													
N9K-C93180YC-FX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7037.1	—
Network Device Notes for above line : • SFP Ports (1-48).													
N9K-C93180YC-FX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-12.2(2)	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • a) SFP Ports (1-48). ___ b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. ___ c) QSP Ports (49 - 52) supports 40G breakout, Min SW Release ACI-N9KDK9-13.2(1).													
N9K-C9348GC-FXP	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-13.0(1)	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • a) SFP Ports (49-52). ___ b) QSFP Ports (53-54), QSA (CVR-QSFP-SFP10G) required, Min SW Release ACI-N9KDK9-13.1(2).													
N9K-C9348GC-FXP	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 : • Supported on ports 49 - 52 only													
N9K-C93240YC-FX2	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7037.3	—
Network Device Notes for above line : • SFP Ports (1-48). Breakout not supported.													
N9K-C93240YC-FX2	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 : • a) SFP Ports (1-48). ___ b) QSFP Ports (49-60), QSA (CVR-QSFP-SFP10G) required.													
N9K-C9336C-FX2	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 10.2(1)	NX-OS 10.2(1)
Network Device Notes for above line : • QSFP Ports (1-36), QSA(CVR-QSFP-SFP10G) required													
N9K-M12PQ	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(2)I3(3)	NX-OS 6.1(2)I3(3)
N9K-M6PQ-E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I2(1)	NX-OS 7.0(3)I2(1)
N9K-C9372TX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(2)I3(3)	NX-OS 6.1(2)I3(3)
N9K-C9372PX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I1(2)	—
Network Device Notes for above line : • SFP Ports (1-48).													
N9K-C9372PX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-11.0(3f)	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • SFP Ports (1-48)													
N9K-C9372PX-E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I2(1)	—
Network Device Notes for above line : • SFP Ports (1-48).													
N9K-C9372PX-E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-11.1(2h)	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • SFP Ports (1-48)													
N9K-C9332PQ	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.1(2)I3(3)	NX-OS 6.1(2)I3(3)
N9K-C9332PQ	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-12.0	ACI-N9KDK9-12.0
Network Device Notes for above line : • QSFP Ports (1-26): QSA (CVR-QSFP-SFP10G) required													
N9K-C93120TX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I1(2)	NX-OS 7.0(3)I1(2)
N9K-C9372TX-E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I3(1)	NX-OS 7.0(3)I3(1)
N9K-C93108TC-EX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-13.1(1)	ACI-N9KDK9-13.1(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 : • QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required, min SW Release ACI-N9KDK9-12.1(1).													
N9K-C93108TC-EX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 : • QSFP Ports (49-54): QSA (CVR-QSFP-SFP10G) required.													
N9K-C93180LC-EX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-12.2(1)	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • QSFP Ports (1-32), QSA (CVR-QSFP-SFP10G) required.													
N9K-C93108TC-FX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-13.1(1)	ACI-N9KDK9-13.1(1)
Network Device Notes for above line : • QSFP Ports (49-54): QSA (CVR-QSFP-SFP10G) required.													
N9K-C93108TC-FX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 : • QSFP Ports (49-54): QSA (CVR-QSFP-SFP10G) required.													
N9K-C9364C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-13.0(1)	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • a) QSFP Ports (1-64), QSA (CVR-QSFP-SFP10G) required. ___ b) SFP Ports (65-66).													
N9K-C9364C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 : • a) QSFP Ports (1-64), QSA (CVR-QSFP-SFP10G) required. ___ b) SFP Ports (65-66).													
N9K-C9396PX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)11(2)	—
N9K-C9396PX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-11.0(3f)	ACI-N9KDK9-13.0(1)
N9K-C9332C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 : • a) QSFP Ports (1-32), QSA (CVR-QSFP-SFP10G) required. ___ b) SFP Ports (33-34).													
N9K-C9332C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 : • a) QSFP Ports (1-32), QSA (CVR-QSFP-SFP10G) required. ___ b) SFP Ports (33-34).													
N9K-C93360YC-FX2	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 (1-96), QSFP Ports (97-108): QSA (CVR-QSFP-SFP10G) required.													
N9K-C93216TC-FX2	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C93600CD-GX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 : • For QSFP-DD and QSFP28 Ports, QSA (CVR-QSFP-SFP10G) required													
N9K-C9316D-GX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 : • For QSFP-DD and QSFP28 Ports, QSA (CVR-QSFP-SFP10G) required													
N9K-C9364C-GX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.2(3f)	ACI-N9KDK9-14.2(3f)
Network Device Notes for above line : • For QSFP Ports, QSA (CVR-QSFP-SFP10G) required													
N9K-C9364C-GX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 : • For QSFP Ports, QSA (CVR-QSFP-SFP10G) required													
N9K-C93180YC-FX3S	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.3(5)	NX-OS 9.3(5)
Network Device Notes for above line : • a) SFP Ports (1-48). ___ b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required.													
N9K-C93180YC-FX3	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.3(7)	NX-OS 9.3(7)
Network Device Notes for above line : • a) SFP Ports (1-48). ___ b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required.													
N9K-C93108TC-FX3P	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.3.5	NX-OS 9.3.5
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required.													



## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)15(2)	NX-OS 7.0(3)15(2)
Network Device Notes for above line : • 1) SFP ports (1-48) 2) QSFP ports (49-52), QSA (CVR-QSFP-SFP10G) required.													
N9K-X9564PX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)11(2)	—
Network Device Notes for above line : • Downlinks.													
N9K-X9464PX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)11(2)	—
N9K-X9732C-EX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-11.3	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required.													
N9K-X9736C-FX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-13.1	ACI-N9KDK9-13.1
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required.													
N9K-X9716D-GX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-15.1(1)	ACI-N9KDK9-15.1(1)
Network Device Notes for above line : • QSFP-DD Ports, QSA (CVR-QSFP-SFP10G) required.													

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.5.1	IOS XE 17.5.1
C9300X-NM-2C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.12.1	IOS XE 17.12.1
Network Device Notes for above line : • For QSFP ports, QSA28 (CVR-QSFP28-SFP25G) required. Uplink module for C9300X models only													
C9300X-24Y	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.5.1	IOS XE 17.5.1
C9300X-NM-8Y	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.5.1	IOS XE 17.5.1
C9300X-NM-4C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.12.1	IOS XE 17.12.1
Network Device Notes for above line : • For QSFP ports, QSA28 (CVR-QSFP28-SFP25G) required. Uplink module C9300X-NM-4C is supported in the C9300X-48HX, C9300X-48TX and C9300X-24Y.													

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Network Device Notes for above line : • SFP Ports 1-24													
C9500-48Y4C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Network Device Notes for above line : • SFP Ports 1-48													
C9500-40X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
C9500-32QC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required.													
C9500-32C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	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 : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required.													
C9500-NM-8X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
C9500-16X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.8.1	IOS XE 16.8.1
C9500X-28C8D	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 : • For QSFP28 and QSFP-DD ports, QSA (CVR-QSFP-SFP10G) is required													
C9500X-60L4D	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	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													

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.5.1	IOS XE 16.5.1

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.13.0S	
NCS4201-SA	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
NCS 4201-SA	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	
NCS4200-8T-PS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.16.1S	
NCS4202-SA	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.13	IOS XE 3.13

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(4)S	IOS 15.2(4)S
Network Device Notes for above line : • SFP+ ports													
ME-3600X-24TS-M	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(4)S	IOS 15.2(4)S
Network Device Notes for above line : • SFP+ ports													

## 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+	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.5.0E	IOS 3.5.0E
WS-C4500X-F-32SFP+	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.5.0E	IOS 3.5.0E

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-40X-ES	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.5.0E	IOS 3.5.0E
C4KX-NM-8SFP+	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.5.0E	IOS 3.5.0E
WS-C4500X-16SFP+	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.5.0E	IOS 3.5.0E
WS-C4500X-F-16SFP+	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.5.0E	IOS 3.5.0E
WS-C4500X-24X-ES	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.5.0E	IOS 3.5.0E

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)E3	IOS 15.2(2)E3
WS-C2960XR-48TD-I	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)E3	IOS 15.2(2)E3
WS-C2960XR-24PD-I	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)E3	IOS 15.2(2)E3
WS-C2960XR-48LPD-I	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)E3	IOS 15.2(2)E3
WS-C2960XR-48FPD-I	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)E3	IOS 15.2(2)E3

## 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-X6904-40G-2T	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Network Device Notes for above line : • With CVR-CFP-4SFP10G FourX converter for CFP ports													
WS-X6904-40G-2TXL	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Network Device Notes for above line : • With CVR-CFP-4SFP10G FourX converter for CFP ports													

## 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
C-NIM-1X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.3.2	IOS XE 17.3.2

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.0.0	
NCS-5002	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.0.0	

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.13.0S	
A900-IMA8T1Z	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.13.0S	
A900-IMA2Z	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.13.0S	
Network Device Notes for above line : • For ASR903/ASR907/NCS4200													
A900-IMA2Z	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.14.0S	
Network Device Notes for above line : • For ASR920/NCS4201/NCS4202													
A900-IMA8Z	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.16.1S	

## C9200L

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
C9200L-24P-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.9.2	IOS XE 16.9.2
Network Device Notes for above line : • On board - fixed uplinks													
C9200L-48P-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.9.2	IOS XE 16.9.2
Network Device Notes for above line : • On board - fixed uplinks													
C9200L-24T-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.9.2	IOS XE 16.9.2
Network Device Notes for above line : • On board - fixed uplinks													
C9200L-48T-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.9.2	IOS XE 16.9.2
Network Device Notes for above line : • On board - fixed uplinks													
C9200L-24PXG-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Network Device Notes for above line : • On board - fixed uplinks													
C9200L-48PXG-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Network Device Notes for above line : • On board - fixed uplinks													
C9200L-48PL-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.3.1	IOS XE 17.3.1

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	—
WS-C4948E-F	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	—

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.3.1	IOS XR 7.3.1
A900-IMA-8CS1Z	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.3.1	IOS XR 7.3.1
A900-IMA-8Z-L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.3.1	IOS XR 7.3.1

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)13.1	—
N9K-C92300YC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 70316.1	—
N9K-C92348GC-X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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 :

- For QSFP Ports: QSA (CVR-QSFP-SFP10G) required.

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.8.1	IOS XE 16.8.1
N520-X-4G4Z	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.8.1	IOS XE 16.8.1
N520-20G4Z	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.8.1	IOS XE 16.8.1
N520-X-20G4Z	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.8.1	IOS XE 16.8.1

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
WS-C3650-24TD	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
WS-C3650-48TD	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
WS-C3650-24PD	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
WS-C3650-24PD	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 16.1.1	IOS 16.1.1
WS-C3650-24PDM	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
WS-C3650-48PD	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
WS-C3650-48PD	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 16.1.1	IOS 16.1.1
WS-C3650-48FD	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
WS-C3650-48PQ	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
WS-C3650-48PQ	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 16.1.1	IOS 16.1.1
WS-C3650-48TQ	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
WS-C3650-48TQ	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 16.1.1	IOS 16.1.1
WS-C3650-8X24PD	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.2.1	IOS XE 16.2.1

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
WS-C3650-8X24UQ	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
WS-C3650-12X48UQ	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
WS-C3650-12X48UR	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
WS-C3650-48FQM	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
WS-C3650-48FQ	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE

## N5000

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
N5K-C5672UP-16G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.3(2)N1(1)	
Network Device Notes for above line : • On only 16x UP ports													
N5K-C5672UP	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.3(2)N1(1)	
Network Device Notes for above line : • On only 16x UP ports													
N5696-M20UP	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(4)N1(1)	

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 8.2(1)	NX-OS 8.2(1)
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) min V02 required. To bring up the link with CVR-QSFP-SFP10G adapter in a M3/F4 100G module, you need to perform the 4X10G breakout configuration on the interface. In older release versions with CVR-QSFP-SFP10G, the adapter link remains down. After ISSU to Cisco NX-OS Release 8.4(2) the link will still remain down. Perform OIR to bring up the link.													
N77-F324FQ-25	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 8.2(1)	NX-OS 8.2(1)
N77-M312CQ-26L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 8.4(2)	NX-OS 8.4(2)
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) min V02 required. To bring up the link with CVR-QSFP-SFP10G adapter in a M3/F4 100G module, you need to perform the 4X10G breakout configuration on the interface. In older release versions with CVR-QSFP-SFP10G, the adapter link remains down. After ISSU to Cisco NX-OS Release 8.4(2) the link will still remain down. Perform OIR to bring up the link.													
N77-F348XP-23	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.2(6)	NX-OS 6.2(6)
N77-M348XP-23L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.3(0)DX(1)	NX-OS 7.3(0)DX(1)
N77-F430CQ-36	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 8.4(2)	NX-OS 8.4(2)
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) min V02 required. To bring up the link with CVR-QSFP-SFP10G adapter in a M3/F4 100G module, you need to perform the 4X10G breakout configuration on the interface. In older release versions with CVR-QSFP-SFP10G, the adapter link remains down. After ISSU to Cisco NX-OS Release 8.4(2) the link will still remain down. Perform OIR to bring up the link.													

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.3.2	IOS XE 17.3.2

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
C8500-12X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.3.2	IOS XE 17.3.2
C8500-20X6C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.10.1	IOS XE 17.10.1

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE

Network Device Notes for above line :

- With C3850-NM-2-10G or C3850-NM-4-10G uplink modules

WS-C3850-48XS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.7.2	IOS XE 3.7.2
WS-C3850-48XS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.2.1	IOS XE 16.2.1
WS-C3850-48T	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE

Network Device Notes for above line :

- With C3850-NM-2-10G or C3850-NM-4-10G uplink modules

WS-C3850-48P	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
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Network Device Notes for above line :

- With C3850-NM-2-10G or C3850-NM-4-10G uplink modules

WS-C3850-24P	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
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Network Device Notes for above line :

- With C3850-NM-2-10G or C3850-NM-4-10G uplink modules

WS-C3850-24T	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
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Network Device Notes for above line :

- With C3850-NM-2-10G or C3850-NM-4-10G uplink modules

WS-C3850-12S	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
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Network Device Notes for above line :

- With C3850-NM-2-10G or C3850-NM-4-10G or C3850-NM-8-10G uplink modules

WS-C3850-24S	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
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Network Device Notes for above line :

- With C3850-NM-2-10G or C3850-NM-4-10G or C3850-NM-8-10G uplink modules

WS-C3850-12XS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.7.1E	IOS XE 3.7.1E
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Network Device Notes for above line :

- With C3850-NM-4-10G network module

WS-C3850-12XS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.1.1	IOS XE 16.1.1
WS-C3850-16XS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.7.1E	IOS XE 3.7.1E

Network Device Notes for above line :

- With C3850-NM-8-10G uplink modules

WS-C3850-24XS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.7.1E	IOS XE 3.7.1E
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Network Device Notes for above line :

- With C3850-NM-8-10G uplink modules

WS-C3850-24XS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.1.1	IOS XE 16.1.1
WS-C3850-32XS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.7.1E	IOS XE 3.7.1E

Network Device Notes for above line :

- With C3850-NM-8-10G uplink modules

C3850-NM-2-10G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
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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.

C3850-NM-4-10G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
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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.

C3850-NM-8-10G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
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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
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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.

## C6800

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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
C6800-16P10G-XL	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
C6800-8P10G-XL	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
C6800-32P10G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
C6800-16P10G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
C6800-8P10G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
C6800-SUP6T	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.3(1)SY	IOS 15.3(1)SY
C6800-SUP6T-XL	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.3(1)SY	IOS 15.3(1)SY
C6824-X-LE-40G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)SY	IOS 15.2(2)SY
C6840-X-LE-40G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)SY	IOS 15.2(2)SY
C6816-X-LE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)SY	IOS 15.2(2)SY
C6832-X-LE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)SY	IOS 15.2(2)SY
C6880-X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.1(2)SY1	IOS 15.1(2)SY1
C6880-X-LE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.1(2)SY1	IOS 15.1(2)SY1

## 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-X45-SUP9-E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.10	IOS XE 3.10
WS-X4712-SFP+E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.5.0E	IOS 3.5.0E
WS-X45-SUP7-E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.5.0E	IOS 3.5.0E
WS-X45-SUP7L-E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.5.0E	IOS 3.5.0E
WS-X45-SUP8-E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.6.0E	IOS 3.6.0E

## C9200CX

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
C9200CX-8P-2X2G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.9.1	IOS XE 17.9.1
C9200CX-12P-2X2G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	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
C9200CX-12T-2X2G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.9.1	IOS XE 17.9.1
C9200CX-8UXG-2X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.9.4	IOS XE 17.9.4
C9200CX-8UXG-2XH	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.9.4	IOS XE 17.9.4

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	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.

IE-9320-22S2C4X-A	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information .	
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### 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.

IE-9320-24T4X-E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information .	
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### 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.

IE-9320-24T4X-A	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information .	
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### 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.

IE-9320-24P4X-E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information .	
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### 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.

IE-9320-24P4X-A	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information .	
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### 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.

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-9320-16P8U4X-E	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	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.

IE-9320-16P8U4X-A	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see datasheet and release notes for minimum software release information .	
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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.

## N3500

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-C3524P-10G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.0(2)A1(1)	NX-OS 6.0(2)A1(1)
N3K-C3548P-10G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.0(2)A1(1)	NX-OS 6.0(2)A1(1)
N3K-C3524P-10GX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.0(2)A6(1)	NX-OS 6.0(2)A6(1)
N3K-C3548P-10GX	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 6.0(2)A6(1)	NX-OS 6.0(2)A6(1)
N3K-C3548P-XL	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I7(3)	NX-OS 7.0(3)I7(3)
N3K-C3524P-XL	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(3)I7(3)	NX-OS 7.0(3)I7(3)

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
C9400-SUP-1XL	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.2	IOS XE 16.6.2
C9400-LC-24XS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.2	IOS XE 16.6.2
C9400-SUP-1XL-Y	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.9.1	IOS XE 16.9.1
C9400-LC-48XS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.8.1	IOS XE 17.8.1
C9400-LC-24XY	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.12.1	IOS XE 17.12.1
C9400-LC-12QC	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.12.1	IOS XE 17.12.1

Network Device Notes for above line :

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

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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													
C9200-NM-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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													
C9200-NM-4X	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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													

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(3)E	IOS 15.2(3)E
WS-C3560CX-8XPD-S	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(3)E	IOS 15.2(3)E

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(4)S	IOS 15.2(4)S
Network Device Notes for above line : • SFP+ ports													

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(6)E	IOS 15.2(6)E
C2960X-HYBRID-STK	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.10.0E	IOS 3.10.0E
C2960X-FIBER-STK	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(6)E	IOS 15.2(6)E
C2960X-FIBER-STK	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 3.10.0E	IOS 3.10.0E
WS-C2960X-24TD-L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)E3	IOS 15.2(2)E3
WS-C2960X-24PD-L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)E3	IOS 15.2(2)E3
WS-C2960X-48TD-L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)E3	IOS 15.2(2)E3
WS-C2960X-48LPD-L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)E3	IOS 15.2(2)E3
WS-C2960X-48FPD-L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(2)E3	IOS 15.2(2)E3

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
<b>Network Device Notes for above line :</b> • 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 )													
WS-C3560X-48T	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
<b>Network Device Notes for above line :</b> • 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 )													
WS-C3560X-24P	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
<b>Network Device Notes for above line :</b> • 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 )													
WS-C3560X-48P	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
<b>Network Device Notes for above line :</b> • 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 )													
WS-C3560X-48PF	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
<b>Network Device Notes for above line :</b> • 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 )													

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see release notes for minimum software release information .	
C9800-80-K9	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see release notes for minimum software release information .	
C9800-10X10GE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	Please see release notes for minimum software release information .	

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.11.1	IOS XE 16.11.1
<b>Network Device Notes for above line :</b> • When in use with C9600-SUP-1.													
C9600-LC-48YL	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.7.1	IOS XE 17.7.1

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 : • When in use with C9600X-SUP-2.													
C9600-LC-24C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Network Device Notes for above line : • When in use with C9600-SUP-1.													
C9600-LC-24C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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.													
C9600-LC-40YL4CD	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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. QSA (CVR-QSFP-SFP10G) supported from IOS XE 17.11.1 required for use in QSFP ports													
C9600-LC-40YL4CD	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.8.1	IOS XE 17.8.1
Network Device Notes for above line : • When in use with C9600-SUP-1.													
C9600X-LC-32CD	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.11.1	IOS XE 17.11.1
Network Device Notes for above line : • When in use with C9600X-SUP-2. For QSFP ports, QSA (CVR-QSFP-SFP10G) is required.													
C9600X-LC-56YL4C	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	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.													

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.7.1	IOS XE 17.7.1
C9400X-SUP-2XL	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.7.1	IOS XE 17.7.1

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
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)													
WS-C3750X-48T	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
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)													
WS-C3750X-24P	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
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)													
WS-C3750X-48P	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
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)													
WS-C3750X-48PF	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E

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 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 )													
WS-C3750X-12S	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
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 )													
WS-C3750X-24S	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
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 )													

## N6000

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
N6004X-M20UP	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 7.0(1)N1(1)	

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.9.1	IOS XE 17.9.1
C9300LM-48U-4Y	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.9.1	IOS XE 17.9.1
C9300LM-48UX-4Y	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.9.1	IOS XE 17.9.1
C9300LM-48T-4Y	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 17.9.1	IOS XE 17.9.1

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.13	IOS XE 3.13
ASR-920-12CZ	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.13	IOS XE 3.13
ASR-920-12SZ-IM	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.13	IOS XE 3.13
ASR-920-24SZ-M	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
ASR-920-24SZ-IM	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
ASR-920-4SZ	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.13	IOS XE 3.13
ASR-920-24TZ-M	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.14	IOS XE 3.14
ASR-920-12SZ	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.9.1	IOS XE 16.9.1
ASR-920-20SZ-M	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.11.1	IOS XE 16.11.1
ASR-920-10SZ-PD	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.13	IOS XE 3.13
ASR-920-8S4Z-PD	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 3.13	IOS XE 3.13

## 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
NC55-36X100G	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required													
NC55-24X100G-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.2.2	IOS XR 6.2.2
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required													
NC55-24H12F-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.2.2	IOS XR 6.2.2
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required													
NC55-36X100G-A-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required													
NCS-5501-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.2.2	IOS XR 6.2.2
Network Device Notes for above line : • Supported on ports 16 to 39 only.													
NCS-5502	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.6.1	IOS XR 7.6.1
Network Device Notes for above line : • For QSFP Ports, QSA (CVR-QSFP-SFP10G) required													
NCS-5502-SE	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.6.1	IOS XR 7.6.1
Network Device Notes for above line : • For QSFP Ports, QSA (CVR-QSFP-SFP10G) required													
NC55-MPA-12T-S	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 6.5.1	IOS XR 6.5.1
NC57-MOD-S	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.6.1	IOS XR 7.6.1
NCS-57C1-48Q6-SYS	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.5.2	IOS XR 7.5.2
NCS-57C1-48Q6D-S	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XR 7.5.2	IOS XR 7.5.2

## 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	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
WS-C2960S-48LPD-L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
WS-C2960S-24PD-L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
WS-C2960S-48TD-L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E
WS-C2960S-24TD-L	DWDM-SFP10G-XX.XX	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS 15.2(1)E	IOS 15.2(1)E