

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



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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-L	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.6.1	—

Network Device Notes for above line :

- Supports 10GBASE-T data rate only

Transceiver Notes for above line :

- Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)

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-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.7.1	—

Network Device Notes for above line :

- Supports 10GBASE-T data rate only.

Transceiver Notes for above line :

- Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)

N540-ACC-SYS	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.7.1	—
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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
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N540X-ACC-SYS	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.7.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N540X-16Z4G8Q2C-A	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.7.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N540X-16Z4G8Q2C-D	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.7.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N540X-8Z16G-SYS-A	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.9.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N540X-8Z16G-SYS-D	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.9.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N540X-6Z18G-SYS-A	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.9.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N540X-6Z18G-SYS-D	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.9.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N540-6Z18G-SYS-A	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.9.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N540-6Z18G-SYS-D	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.9.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N540-6Z14S-SYS-D	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.9.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													

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-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.4.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supports 10GBASE-T data rate only. When in use with C9600-SUP-1 <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
C9600-LC-48YL	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.7.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supports 10GBASE-T data rate only. When in use with C9600X-SUP-2 <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
C9600-LC-40YL4CD	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.7.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> When in use with C9600-SUP-1 and C9600X-SUP-2, only 10GBASE-T data rate is supported <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													

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-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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"> Supports 10GBASE-T and 1000BASE-T data rates only. 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"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
IE-3300-8T2X-A	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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"> Supports 10GBASE-T and 1000BASE-T data rates only. 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"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
IE-3300-8U2X-E	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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"> Supports 10GBASE-T and 1000BASE-T data rates only. 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"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
IE-3300-8U2X-A	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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"> Supports 10GBASE-T and 1000BASE-T data rates only. 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"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													

C9400X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9400X-SUP-2	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.10.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supports 10GBASE-T mode only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
C9400X-SUP-2XL	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.10.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supports 10GBASE-T mode only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													

N9300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-C93180YC-EX	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		NX-OS 9.3(5)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> 1000BASE-T and 10GBASE-T data rates only. Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N9K-C93180YC-EX	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		ACI-N9KDK9-15.1(3)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N9K-C93180YC-FX	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		NX-OS 9.3(5)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> 1000BASE-T and 10GBASE-T data rates only. Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N9K-C93180YC-FX	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		ACI-N9KDK9-15.1(3)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N9K-C9348GC-FXP	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		NX-OS 10.3(2)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> 1000BASE-T and 10GBASE-T data rates only on ports 49-52. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N9K-C93240YC-FX2	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		NX-OS 9.3(5)	—

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"> • 1000BASE-T and 10GBASE-T data rates only. Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N9K-C93240YC-FX2	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		ACI-N9KDK9-15.1(3)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N9K-C93360YC-FX2	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		NX-OS 9.3(5)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • 1000BASE-T and 10GBASE-T data rates only. Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N9K-C93360YC-FX2	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		ACI-N9KDK9-15.1(3)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N9K-C93180YC-FX3S	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		NX-OS 10.2(2)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N9K-C93180YC-FX3	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		ACI-N9KDK9-15.1(3)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N9K-C93180YC-FX3	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		NX-OS 10.2(2)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N9K-C9348GC-FX3	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		NX-OS 10.4(1)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rates only. Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
N9K-C9348GC-FX3PH	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		NX-OS 10.4(1)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rates only. Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													

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	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.9.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													

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-12P-2X2G	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.9.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
C9200CX-12T-2X2G	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.9.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
C9200CX-8UXG-2X	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.9.4	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
C9200CX-8UXG-2XH	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.9.4	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													

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-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
IE-9320-22S2C4X-A	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
IE-9320-24T4X-E	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													

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-9320-24T4X-A	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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 :

- Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)

IE-9320-24P4X-E	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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.

Transceiver Notes for above line :

- Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)

IE-9320-24P4X-A	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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.

Transceiver Notes for above line :

- Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)

IE-9320-16P8U4X-E	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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.

Transceiver Notes for above line :

- Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)

IE-9320-16P8U4X-A	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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.

Transceiver Notes for above line :

- Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)

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-48XS	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.10.1	—

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 : • Supports 10GBASE-T mode only Transceiver Notes for above line : • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)													

C8300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C8300-2N2S-4T2X	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.6.1	—
Network Device Notes for above line : • Supports 10GBASE-T data rate only Transceiver Notes for above line : • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)													
C8300-1N1S-4T2X	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.6.1	—
Network Device Notes for above line : • Supports 10GBASE-T data rate only Transceiver Notes for above line : • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)													
C-NIM-1X	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.6.1	—
Network Device Notes for above line : • Supports 10GBASE-T data rate only Transceiver Notes for above line : • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)													
C-NIM-4X	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.11.1	—
Network Device Notes for above line : • Supports 1000BASE-T and 10GBASE-T data rates only Transceiver Notes for above line : • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)													

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-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.6.1	—
Network Device Notes for above line : • Supports 10GBASE-T data rate only Transceiver Notes for above line : • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)													
C9300X-24Y	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.6.1	—
Network Device Notes for above line : • Supports 10GBASE-T data rate only Transceiver Notes for above line : • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)													
C9300X-NM-8Y	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.6.1	—
Network Device Notes for above line : • Supports 10GBASE-T data rate only. Transceiver Notes for above line : • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)													

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-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.4.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supports a maximum of 8 ports. Please refer to the Cisco 9000 IOS-XE release notes. Supports 10GBASE-T data rate only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
C9500-48Y4C	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.4.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supports a maximum of 8 ports. Please refer to the Cisco 9000 IOS-XE release notes. Supports 10GBASE-T data rate only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
C9500X-60L4D	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.10.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> For QSFP28 and QSFP-DD ports, QSA (CVR-QSFP-SFP10G) is required. Supports 10GBASE-T mode only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													

UCSC

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
UCSC-PCIE-C25Q-04	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		UCS Manager v4.2(1a)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supports 10Gb/s data rate only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
UCSC-MLOM-C25Q-04	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		UCS Manager v4.2(1a)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supports 10Gb/s data rate only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
UCSC-M-V25-04	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		UCS Manager v4.2(1a)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supports 10Gb/s data rate only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
UCSC-M-V5Q50G	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		UCS Manager v4.2.3	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> VIC 15428. Supports 10 Gb/s data rate only. Please refer to the data sheet for port limitations and configurations <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
UCSC-M-V5Q50G-D	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		UCS Manager v4.3.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> VIC 15428. Supports 10 Gb/s data rate only. Please refer to the data sheet for port limitations and configurations <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
UCSC-P-V5Q50G-D	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		UCS Manager v4.3.1	—

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
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • VIC 15425. Supports 10 Gb/s data rate only. Please refer to the data sheet for port limitations and configurations <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
UCSC-P-V5Q50G	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		UCS Manager v4.2.3	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • VIC 15425. Supports 10 Gb/s data rate only. Please refer to the data sheet for port limitations and configurations <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
UCSC-M-V5Q50GV2	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		UCS Manager v4.3(2c)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • VIC 15427. Supports 10 Gb/s data rate only. Please refer to the data sheet for port limitations and configurations <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
UCSC-M-V5Q50GV2D	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		UCS Manager v4.3(2c)	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • VIC 15427. Supports 10 Gb/s data rate only. Please refer to the data sheet for port limitations and configurations <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													

NCS5500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NCS-5501	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.2.1	—
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> • Supports 10GBASE-T data rate only <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													

ESS3300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ESS-3300-NCP-E	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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"> • Supports 10GBASE-T and 1000BASE-T data rates only. 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"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													
ESS-3300-NCP-A	SFP-10G-T-X	TMG	100M/1000M/10G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		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"> • Supports 10GBASE-T and 1000BASE-T data rates only. 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"> • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M) 													