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



C9400

C9500

UCSC

NCS5500

N9300

NCS540

NCS560

C9600

IE3300

C8300

C9300X

C9400X

C9200CX

IE9300

ESS3300

### **NCS560**

Network Device Product ID	Transciever 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/1 000M/1 0G 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	Transciever 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/1 000M/1 0G 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:

<ul> <li>Up to 30 meters w</li> </ul>	ith Cat6A/Cat7 or be	etter (10G), up to	100 mete	ers with Ca	at5e/Cat6/	A/Cat7 or better (100	M/1000M	)				
N540-ACC-SYS	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C	IOS XR 7.7.1	_

Network Device Product ID	Transciever 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 Suppo
<ul> <li>Supports 10GBA</li> <li>Transceiver Not</li> </ul>	Notes for above SE-T data rate only es for above line with Cat6A/Cat7 or	<i>i</i> .	to 100 mot	tore with C	*at5o/Cat6	A/Cat7 or bottor (	100M/1000M	<b>N</b>					
N540X-ACC-SYS	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.7.1	<u> </u>
Supports 10GBA Transceiver Not	Notes for above SE-T data rate only es for above line with Cat6A/Cat7 or	/. <del>)</del> :	to 100 mei	ters with C	at5e/Cat6	A/Cat7 or better (	100M/1000M	))					
N540X- 16Z4G8Q2C-A	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.7.1	_
Supports 10GBA Transceiver Not	Notes for above SE-T data rate only es for above line	/. <del>)</del> :											
Up to 30 meters v N540X- 16Z4G8Q2C-D	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	A/Cat7 or better ( Cat6A/7	Copper	RJ-45	Copper	-5 to 85C	Τ	IOS XR 7.7.1	
Supports 10GBA Fransceiver Not	Notes for above SE-T data rate only es for above line with Cat6A/Cat7 or	/. <del>)</del> :	to 100 me	ters with C	at5e/Cat6	A/Cat7 or better (	100M/1000M	))					
N540X-8Z16G- SYS-A	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.9.1	_
Supports 10GBA Transceiver Not	Notes for above SE-T data rate only es for above line with Cat6A/Cat7 or	/. <del>)</del> :	to 100 me	ters with C	at5e/Cat6	A/Cat7 or better (	100M/1000M	()					
N540X-8Z16G- SYS-D	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.9.1	
Supports 10GBA Transceiver Not	Notes for above SE-T data rate only es for above line with Cat6A/Cat7 or SFP-10G-T-X	/. <b>)</b> :	to 100 met	ters with C	at5e/Cat6	A/Cat7 or better (	100M/1000M Copper	l) RJ-45	Copper	-5 to		IOS XR	
SYS-A	317-109-1-X	TIMIG	000M/1 0G bps	3177	30111	CaloAri	Соррег	110-40	Сорреі	85C		7.9.1	
Supports 10GBA Transceiver Not	Notes for above SE-T data rate only es for above line with Cat6A/Cat7 or	/. <del>)</del> :	to 100 met	ters with C	at5e/Cat6	A/Cat7 or better (	100M/1000M	)					
N540X-6Z18G- SYS-D	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.9.1	
<ul> <li>Supports 10GBA</li> <li>Transceiver Not</li> </ul>	Notes for above SE-T data rate only es for above line with Cat6A/Cat7 or	/. <del>)</del> :	to 100 me	ters with C	at5e/Cat6	A/Cat7 or better (	100M/1000M	)					
N540-6Z18G- SYS-A	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.9.1	F
Supports 10GBA Transceiver Not	Notes for above SE-T data rate only es for above line with Cat6A/Cat7 or	/. <del>)</del> :	to 100 mei	ters with C	at5e/Cat6	A/Cat7 or better (	100M/1000M	)					
N540-6Z18G- SYS-D	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.9.1	<u> </u>
Supports 10GBA Transceiver Not	Notes for above SE-T data rate only es for above line	/. <del>)</del> :					,		•				,
N540-6Z14S-	SFP-10G-T-X	tMG TMG	100M/1	SFP+	30m	A/Cat7 or better ( Cat6A/7	100M/1000M Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.9.1	_
• Supports 10GBA Transceiver Not	Notes for above SE-T data rate only es for above line with Cat6A/Cat7 or	e line :	000M/1 0G bps				''		Copper	-5 to 85C		IOS XR 7.9.1	

### C9600

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Network Device Product ID	Transciever 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/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.4.1	_
Supports 10GBAS	Notes for above I SE-T data rate only. es for above line	When in use wi	th C9600-	SUP-1									
• Up to 30 meters w C9600-LC-48YL	vith Cat6A/Cat7 or b SFP-10G-T-X	etter (10G), up t	100M/1 000M/1	SFP+	30m	A/Cat7 or better (10 Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.7.1	_
Supports 10GBAS     Transceiver Note	Notes for above I SE-T data rate only. es for above line : vith Cat6A/Cat7 or b	When in use wi			at5a/Cat6	A/Cat7 or better (10	00M/1000M	<u> </u>					
C9600-LC- 40YL4CD	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.7.1	_
When in use with Transceiver Note	Notes for above I C9600-SUP-1 and G es for above line vith Cat6A/Cat7 or b	C9600X-SUP-2,	·				00M/1000M	)					
E3300			ı	ı	1		1	1			1	1	
Network Device Product ID	Transciever 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/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		Please see datasheet and release notes for minimum software release information	
Supports 10GBAS IE Datasheet or Ha Transceiver Note	Notes for above I SE-T and 1000BASE rdware Installation C es for above line	-T data rates or Guide to calculat	e switch o	perating te	emperature	e ranges when non	industrial S	FPs are deploy		ıre range i	s de-rated. F	Please refer to	the Cisco
E-3300-8T2X-A	SFP-10G-T-X	TMG		SFP+	30m	Cat6A/7		RJ-45	Copper	-5 to 85C		Please see datasheet and release notes for minimum software release information	
Supports 10GBAS IE Datasheet or Ha Transceiver Note	Notes for above I SE-T and 1000BASE rdware Installation C es for above line : vith Cat6A/Cat7 or b	-T data rates or Guide to calculat	e switch o	perating te	emperature	e ranges when non	industrial S	FPs are deploy		ire range i	s de-rated. F	Please refer to	the Cisco
IE-3300-8U2X-E	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		Please see datasheet and release notes for minimum software release information	
Supports 10GBAS IE Datasheet or Ha Transceiver Note	Notes for above I SE-T and 1000BASE rdware Installation ( es for above line	-T data rates or Guide to calculat	e switch o	perating te	emperature	e ranges when non	industrial S	FPs are deploy		ire range i	s de-rated. F	Please refer to	the Cisco
Up to 30 meters w IE-3300-8U2X-A	vith Cat6A/Cat7 or b	etter (10G), up t	0 100 met 100M/1 000M/1 0G bps	SFP+	at5e/Cat6	A/Cat7 or better (10	Copper	) RJ-45	Copper	-5 to 85C		Please see datasheet and release notes for minimum software release information	

	Transciever 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 :

• 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.

#### 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)

#### C9400X

Network Device 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/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.10.1	_
Network Device • Supports 10GBAS	Notes for above I	ine :											
Transceiver Note	es for above line :	:											
• Up to 30 meters v	vith Cat6A/Cat7 or b	etter (10G), up t	o 100 met	ers with Ca	at5e/Cat6/	A/Cat7 or better (100	M/1000M	)					
C9400X-SUP-2XL	SFP-10G-T-X	TMG	100M/1 000M/1	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.10.1	_

#### 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)

### N9300

Notework Device   SFP-10G-T-X   TMG	Network Device Product ID	Transciever 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 Suppor
- 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.  Transceiver Notes for above line:  - 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.  Network Device Notes for above line:  - 1010BASE-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.  Transceiver Notes for above line:  - 1010BASE-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.  Network Device Notes for above line:  - 1010BASE-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.  Transceiver Notes for above line:  - 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.  Transceiver Notes for above line:  - 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.  Transceiver Notes for above line:  - 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.  Transceiver Notes for above line:  - 1000BASE-T and 10GBASE-T data rates only on ports with Cat5e/Cat6A/Cat7 or better (100M/1000M)  NGK-C93180YC- SFP-10G-T-X  TMG		SFP-10G-T-X	TMG	000M/1	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper				_
- 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.  Transceiver Notes for above line:  - 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.  Network Device Notes for above line:  - 1010BASE-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.  Transceiver Notes for above line:  - 1010BASE-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.  Network Device Notes for above line:  - 1010BASE-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.  Transceiver Notes for above line:  - 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.  Transceiver Notes for above line:  - 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.  Transceiver Notes for above line:  - 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.  Transceiver Notes for above line:  - 1000BASE-T and 10GBASE-T data rates only on ports with Cat5e/Cat6A/Cat7 or better (100M/1000M)  NGK-C93180YC- SFP-10G-T-X  TMG	Network Device	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)  NBK-C93180YC-   SFP-10G-T-X   TMG   100Mr1   000Mr1   000Mr1				e refer to	the Cisco	Nexus 900	0 Series Hardware	installation	guide to learn	which ports are	supported	with SFP-100	G-T-X.	
Network Device   Notes for above line   Network   Netw	Transceiver Not	es for above line	:											
Network Device Notes for above line :  *Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X.  Transceiver Notes for above line :  *Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat6e/Cat6A/Cat7 or better (100M/1000M)  *NeK-C93180YC- SFP-10G-T-X TMG 100M/1 0G bps SFP+ 30m Cat6A/7 Copper RJ-45 Copper SFC	• Up to 30 meters	with Cat6A/Cat7 or b	etter (10G), up to	o 100 met	ers with C	at5e/Cat6	A/Cat7 or better (10	0M/1000M	)					
Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X.  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)  NBK-C93180YC- SFP-10G-T-X TMG 100M/1 10G bps  NBK-C93180YC- SFP-10G-T-X TMG 100M/1 100 meters with Cat6A/Cat7 or better (100M/1000M)		SFP-10G-T-X	TMG	000M/1	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper			N9KDK9-	_
Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X.  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)  NBK-C93180YC- SFP-10G-T-X TMG 100M/1 10G bps  NBK-C93180YC- SFP-10G-T-X TMG 100M/1 100 meters with Cat6A/Cat7 or better (100M/1000M)	Network Device	Notes for above	line ·											
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)  NSK-C93180YC- SFP-10G-T-X TMG				e installati	on quide t	o learn wh	ich ports are suppo	rted with S	FP-10G-T-X.					
Network Device   Notes for above line :					Ü									
Network Device Notes for above line :  *1000BASE-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.  Transceiver Notes for above line :  *10p to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)  Network Device Notes for above line :  *10p to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)  Network Device Notes for above line :  *10p to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)  Network Device Notes for above line :  *10p to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)  Network Device Notes for above line :  *10p to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)  Network Device Notes for above line :  *10p to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)  Network Device Notes for above line :  *10p to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)  Network Device Notes for above line :  *10p to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)  Network Device Notes for above line :  *10p to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat6A/Cat7 or better (100M/1000M)  Network Device Notes for above line :  *10p to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat6A/Cat7 or better (100M/1000M)  Network Device Notes for above line :  *10p to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat6A/Cat7 or better (10G	• Up to 30 meters	with Cat6A/Cat7 or b	etter (10G), up to	o 100 met	ers with C	at5e/Cat6	A/Cat7 or better (10	0M/1000M	)					
* 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. 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)  **N9K-C93180YC-**    SFP-10G-T-X**   TMG		SFP-10G-T-X	TMG	000M/1	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper				_
Network Device Notes for above line :  • Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X.  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)  N9K-C9348GC- SFP-10G-T-X TMG 100M/1 000M/1	Transceiver Not	es for above line	:						ŭ	which ports are s	вирропеи	with SFF-100	J-1-X.	
Please refer to the Cisco Nexus 9000 Series Hardware installation guide to learn which ports are supported with SFP-10G-T-X.  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)      N9K-C9348GC- FXP      SFP-10G-T-X TMG		SFP-10G-T-X	TMG	000M/1	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper			N9KDK9-	_
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)  N9K-C9348GC- FXP  SFP-10G-T-X TMG  100M/1 0G bps  SFP+ 30m Cat6A/7 Copper RJ-45 Copper -5 to 85C  NX-OS 10.3(2)  Network Device Notes for above line :  • 1000BASE-T and 10GBASE-T data rates only on ports 49-52.  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)  N9K-C93240YC- SFP-10G-T-X TMG  100M/1 000M/1 SFP+ 30m Cat6A/7 Copper RJ-45 Copper -5 to 85C  NX-OS 9.3(5)  NX-OS 9.3(5)	Network Device	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)  N9K-C9348GC- FXP  Network Device Notes for above line:  • 1000BASE-T and 10GBASE-T data rates only on ports 49-52.  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)  NSK-C93240YC- SFP-10G-T-X TMG 100M/1 SFP+ 30m Cat6A/7 Copper RJ-45 Copper -5 to NX-OS -10.3(2)  NSW-C93240YC- SFP-10G-T-X TMG 100M/1 SFP+ 30m Cat6A/7 Copper RJ-45 Copper -5 to NX-OS -9.3(5)  NSY-C93240YC- SFP-10G-T-X TMG 100M/1 SFP+ 30m Cat6A/7 Copper RJ-45 Copper -5 to NX-OS -9.3(5)  NSY-C93240YC- SFP-10G-T-X TMG 100M/1 SFP+ 30m Cat6A/7 Copper RJ-45 Copper -5 to NX-OS -9.3(5)  NSY-C93240YC- SFP-10G-T-X TMG 100M/1 SFP+ 30m Cat6A/7 Copper RJ-45 Copper -5 to NX-OS -9.3(5)  NSY-C93240YC- SFP-10G-T-X TMG 100M/1 SFP+ 30m Cat6A/7 Copper RJ-45 Copper -5 to NX-OS -9.3(5)	Please refer to th	e Cisco Nexus 9000	Series Hardwar	e installati	on guide t	o learn wh	ich ports are suppo	rted with S	FP-10G-T-X.					
N9K-C9348GC- FXP         SFP-10G-T-X         TMG         100M/1 000M/1 0G bps         SFP+ 30m         Cat6A/7         Copper         RJ-45         Copper         -5 to 85C         NX-OS 10.3(2)         -           Network Device Notes for above line : • 1000BASE-T and 10GBASE-T data rates only on ports 49-52.         • 1000BASE-T data rates only on ports 49-52.         • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)         • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)         • NX-OS 9.3(5)         • SFP-10G-T-X         TMG         100M/1 000M/1         SFP+ 1000M/1 000M/1         Copper         RJ-45         Copper         -5 to 85C         NX-OS 9.3(5)         —	Transceiver Not	es for above line	:											
Network Device Notes for above line :	• Up to 30 meters	with Cat6A/Cat7 or b	etter (10G), up to	o 100 met	ers with C	at5e/Cat6	A/Cat7 or better (10	0M/1000M	)			ı	T	ı
• 1000BASE-T and 10GBASE-T data rates only on ports 49-52.  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)  N9K-C93240YC- SFP-10G-T-X TMG		SFP-10G-T-X	TMG	000M/1	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper				_
Transceiver Notes for above line :  • Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat6A/Cat7 or better (100M/1000M)  N9K-C93240YC-   SFP-10G-T-X   TMG   100M/1   000M/1   SFP+   30m   Cat6A/7   Copper   RJ-45   Copper   RJ-45					•	•				•				•
• Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)  N9K-C93240YC- SFP-10G-T-X TMG				s 49-52.										
N9K-C93240YC- SFP-10G-T-X TMG 100M/1 SFP+ 30m Cat6A/7 Copper RJ-45 Copper -5 to NX-OS - 9.3(5)				o 100 mot	are with C	2150/C216	A/Cat7 or better (1)	001/10001	N					
FX2   000M/1   85C   9.3(5)	•		1 ' " '	1		1	,		í	Coppor	-5 to		NY OS	
		01 1-10G-1-X	I I WIG		JULT	130111	Cator/	Cobbei	110-40	Cobbei		1		1 -

Network Device Product ID	Transciever 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
	Notes for above 10GBASE-T data r		e refer to t	he Cisco I	Nexus 900	0 Series Hardwar	e installatior	n guide to learn	which ports are	supported	with SFP-100	G-T-X.	
Transceiver Note	es for above line	:											
Up to 30 meters v	vith Cat6A/Cat7 or b	etter (10G), up to	100 met	ers with C	at5e/Cat6	A/Cat7 or better (1	00M/1000M	)					,
N9K-C93240YC- FX2	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		ACI- N9KDK9- 15.1(3)	
	Notes for above e Cisco Nexus 9000		e installati	on guide t	o learn wh	ich ports are supp	orted with S	FP-10G-T-X.					
	es for above line												
	vith Cat6A/Cat7 or b								10	T = 1-	T	Tary on	T
N9K-C93360YC- FX2	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		NX-OS 9.3(5)	
1000BASE-T and Transceiver Note	Notes for above 10GBASE-T data r es for above line with Cat6A/Cat7 or b	ates only. Pleas :							which ports are	supported	with SFP-100	G-T-X.	
N9K-C93360YC- FX2	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		ACI- N9KDK9- 15.1(3)	_
Please refer to the Transceiver Note	Notes for above e Cisco Nexus 9000 es for above line vith Cat6A/Cat7 or b	Series Hardwar											
N9K-C93180YC- FX3S	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		NX-OS 10.2(2)	_
Please refer to the Transceiver Note     Up to 30 meters v N9K-C93180YC-	Notes for above e Cisco Nexus 9000 es for above line with Cat6A/Cat7 or b SFP-10G-T-X	Series Hardwar	100 met						Copper	-5 to 85C		ACI-	_
FX3			000M/1 0G bps							85C		N9KDK9- 15.1(3)	
Please refer to the Transceiver Note     Up to 30 meters v	Notes for above e Cisco Nexus 9000 es for above line with Cat6A/Cat7 or b	Series Hardwar : etter (10G), up to	100 met	ers with C	at5e/Cat6	A/Cat7 or better (1	00M/1000M	)	0	l.e.		Luy oo	1
N9K-C93180YC- FX3	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		NX-OS 10.2(2)	
Transceiver Note	Notes for above e Cisco Nexus 9000 es for above line with Cat6A/Cat7 or b	Series Hardwar	e installati							1	1	1	1
N9K-C9348GC- FX3	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		NX-OS 10.4(1)	_
Supports 10GBAS     Transceiver Note	Notes for above SE-T data rates only es for above line with Cat6A/Cat7 or b SFP-10G-T-X	. Please refer to					· ·	·	orts are supporte	d with SFF -5 to 85C	P-10G-T-X.	NX-OS 10.4(1)	_
Supports 10GBAS     Transceiver Note	Notes for above SE-T data rates only es for above line vith Cat6A/Cat7 or b	. Please refer to					· ·	·	orts are supporte	d with SFF	P-10G-T-X.		

# C9200CX

Network Device Product ID	Transciever Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media		Transceiver Type	Case Temp		DOM Support
C9200CX-8P- 2X2G	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C	IOS XE 17.9.1	_

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)

Network Device Product ID	Transciever 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/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.9.1	_
Network Device	Notes for above	line :											
Supports 10GBAS	SE-T data rate only												
Transceiver Note	es for above line	:											
• Up to 30 meters v	vith Cat6A/Cat7 or b	etter (10G), up t	o 100 met	ers with C	at5e/Cat6	A/Cat7 or better (10	0M/1000M	)					
C9200CX-12T- 2X2G	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.9.1	_
Supports 10GBAS     Transceiver Note	es for above line	:								•			
<b>—</b> '	vith Cat6A/Cat7 or b	1			i	· · · · · · · · · · · · · · · · · · ·	1	i e			1		1
C9200CX-8UXG- 2X	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.9.4	_
Network Device • Supports 10GBAS													
	with Cat6A/Cat7 or b		o 100 met	are with C	at5a/Cat6	A/Cat7 or better (10	OM/1000M	`					
C9200CX-8UXG- 2XH	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.9.4	_
		:	o 100 met	ers with C	at5e/Cat6	A/Cat7 or better (10	0M/1000M	)					

# IE9300

Network Device Product ID	Transciever 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- 22\$2C4X-E	SFP-10G-T-X	TMG	100M/1 000M/1 0G 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 1	IGb/s and 10Gb/	s data rate	es. When	using non	industrial rated tran	sceivers, t	he hardened pla	atform operating	temperatu	re range is d	e-rated. Pleas	se refer to
	heet or Hardware In		to calculat	e switch o	perating te	emperature ranges	when nonir	ndustrial SFPs	are deployed.				
	es for above line	-											
•	vith Cat6A/Cat7 or b	T		T		,			1	1			
IE-9320- 22S2C4X-A	SFP-10G-T-X	TMG	100M/1 000M/1 0G 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 :					•	•			1		
	fiber ports support 1		s data rate	es. When	using non	industrial rated tran	sceivers, t	he hardened pla	atform operating	temperatu	re range is de	e-rated. Pleas	se refer to
the Cisco IE Datasl	heet or Hardware In	stallation Guide	to calculat	e switch o	perating te	emperature ranges	when nonir	ndustrial SFPs	are deployed.	·	•		
Transceiver Note	es for above line	:											
• Up to 30 meters v	vith Cat6A/Cat7 or b	etter (10G), up to	o 100 met	ers with C	at5e/Cat6	A/Cat7 or better (10	OM/1000M	)					
IE-9320-24T4X-E	SFP-10G-T-X	TMG	100M/1 000M/1 0G 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)

Network Device Product ID	Transciever 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/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		Please see datasheet and release notes for minimum software release information .	
• 10G uplink SFP+ the Cisco IE Datas	Notes for above fiber ports support heet or Hardware Ines for above line	1Gb/s and 10Gb/ estallation Guide			-					temperatu	ire range is de	e-rated. Plea	se refer to
• Up to 30 meters v IE-9320-24P4X-E	vith Cat6A/Cat7 or t	petter (10G), up t	100 met 100M/1 000M/1 0G bps	ers with C	at5e/Cat6,	A/Cat7 or better (1 Cat6A/7	00M/1000M Copper	RJ-45	Copper	-5 to 85C		Please see datasheet and release notes for minimum software release information	
the Cisco IE Datas Transceiver Note	fiber ports support heet or Hardware In es for above line with Cat6A/Cat7 or t	stallation Guide:	to calculat	e switch o	perating to	emperature ranges	when nonir	ndustrial SFPs		-5 to 85C	re range is d	Please see datasheet and release notes for minimum software release information	se refer to
10G uplink SFP+ the Cisco IE Datasi Transceiver Note	Notes for above fiber ports support heet or Hardware Ines for above line with Cat6A/Cat7 or b	1Gb/s and 10Gb/ estallation Guide :	to calculat	e switch o	perating to	emperature ranges	when nonir	ndustrial SFPs		temperatu	re range is d	e-rated. Plea	se refer to
16P8U4X-E	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		Please see datasheet and release notes for minimum software release information	
10G uplink SFP+ the Cisco IE Datasi Transceiver Note	Notes for above fiber ports support heet or Hardware Inees for above line	1Gb/s and 10Gb/ estallation Guide :	to calculat	e switch o	perating to	emperature ranges	when nonir	ndustrial SFPs		temperatu	re range is de	e-rated. Plea	se refer to
E-9320- 16P8U4X-A	vith Cat6A/Cat7 or b	TMG	100 met 100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		Please see datasheet and release	

#### 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	Transciever Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	Min Software Support	DOM Support
C9400-LC-48XS	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C	IOS XE 17.10.1	_

Network Device Product ID	Transciever 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 • Supports 10GBAS		line :											
Transceiver Note	es for above line												
• Up to 30 meters w	vith Cat6A/Cat7 or b	etter (10G), up to	o 100 met	ers with Ca	at5e/Cat6/	A/Cat7 or better (100	0M/1000M	)					

# C8300

Network Device Product ID	Transciever 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/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.6.1	_
Network Device	Notes for above	line :											
Supports 10GBAS	SE-T data rate only	,											
Transceiver Note	es for above line	:											
• Up to 30 meters w	vith Cat6A/Cat7 or	better (10G), up t	o 100 met	ers with C	at5e/Cat6	A/Cat7 or better (1	00M/1000M	)					
C8300-1N1S- 4T2X	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.6.1	
Transceiver Note • Up to 30 meters w C-NIM-1X		· · ·	100M/1 000M/1	ers with C	at5e/Cat6	A/Cat7 or better (1 Cat6A/7	00M/1000M Copper	) RJ-45	Copper	-5 to 85C		IOS XE 17.6.1	_
Network Device • Supports 10GBAS			0G bps										
Transceiver Note	es for above line	):											
• Up to 30 meters w	vith Cat6A/Cat7 or	better (10G), up t	o 100 met	ers with C	at5e/Cat6	A/Cat7 or better (1	00M/1000M	)					
C-NIM-4X	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.11.1	_
Network Device • Supports 1000BA Transceiver Note • Up to 30 meters w	SE-T and 10GBASes for above line	SE-T data rates or	,	ers with C	at5e/Cat6	A/Cat7 or better (1	00M/1000M	)					

# C9300X

Network Device Product ID	Transciever 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/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.6.1	_
Network Device	Notes for above	line :											
Supports 10GBAS	SE-T data rate only	,											
Transceiver Not	es for above line	):											
• Up to 30 meters v	vith Cat6A/Cat7 or	better (10G), up t	o 100 met	ers with C	at5e/Cat6	A/Cat7 or better (10	0M/1000M	)					
C9300X-24Y	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.6.1	_
		1	100 005	1							1		
Notwork Davica	Notes for above	lino:	log phs						<u> </u>			1	
Network Device			TOG bps										
Supports 10GBAS	SE-T data rate only	,	ос врѕ					L				ı	ı
	SE-T data rate only es for above line	) :	, , .	ers with C	at5e/Cat6	I A/Cat7 or better (10	00M/1000M	))		1			
Supports 10GBAS  Transceiver Note	SE-T data rate only es for above line	) :	, , .	ers with C	at5e/Cat6.	A/Cat7 or better (10 Cat6A/7		1	Copper	-5 to 85C		IOS XE 17.6.1	_
Supports 10GBAS Transceiver Not     Up to 30 meters v C9300X-NM-8Y	SE-T data rate only es for above line with Cat6A/Cat7 or SFP-10G-T-X	better (10G), up t	o 100 met			1		1	Copper				_
Supports 10GBAs Transceiver Note     Up to 30 meters v C9300X-NM-8Y  Network Device	SE-T data rate only es for above line with Cat6A/Cat7 or SFP-10G-T-X	better (10G), up t	o 100 met			1		1	Copper				_
Supports 10GBAS Transceiver Not     Up to 30 meters v C9300X-NM-8Y	SE-T data rate only es for above line with Cat6A/Cat7 or SFP-10G-T-X  Notes for above SE-T data rate only	better (10G), up t  TMG  Time:	o 100 met			1		1	Copper				_

# C9500

Network Device Product ID	Transciever 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/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.4.1	_
Network Device	Notes for above	line :											
<ul> <li>Supports a maxim</li> </ul>	num of 8 ports. Plea	ase refer to the C	isco 9000	IOS-XE r	elease not	es. Supports 10G	BASE-T dat	ta rate only					
Transceiver Note	es for above line	:											
• Up to 30 meters v	vith Cat6A/Cat7 or b	petter (10G), up t	o 100 met	ers with C	at5e/Cat6	A/Cat7 or better (1	00M/1000M	)					
C9500-48Y4C	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.4.1	
Network Device	Notes for above	line :											
Supports a maxim	num of 8 ports. Plea	ase refer to the C	isco 9000	IOS-XE r	elease not	es. Supports 10G	BASE-T dat	ta rate only					
Transceiver Note	es for above line	:											
• Up to 30 meters v	vith Cat6A/Cat7 or b	petter (10G), up t	o 100 met	ers with C	at5e/Cat6	A/Cat7 or better (1	00M/1000M	)					
C9500X-60L4D	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XE 17.10.1	_
Network Device	Notes for above	line :				•			•	•			
• For QSFP28 and			SEP10G)	is required	Support	s 10GBASE-T mod	de only						
	es for above line	`	31 F 10G)	is required	. Зарроп	S TOODAGE-T IIIO	de Offiny						
Up to 30 meters v		-	o 100 met	are with C	at5a/Cat6	A/Cat7 or better (1	OM/1000M	)					
op to so meters v	vitil CatoA/Cat/ Of t	Jeller (100), up t	o roo met	CIS WILLI C	aloc/Calo	TOUR OF DELICI (1	JOIVI, TOOOTV	,					

# UCSC

Network Device				1 —	1		1	l	I — .	_		1	1
Product ID	Transciever 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 Suppor
UCSC-PCIE- C25Q-04	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		UCS Manager v4.2(1a)	_
Naturalis Davida	Natas for about	lina i											
	Notes for above	line:											
Supports 10Gb/s	•	_											
	es for above line		- 400		-15 - 10 - 10	A /O - 17 b - 11 /40	200000						
•		T ` '' '	1		1	A/Cat7 or better (10	1	í	T-		I	1	
UCSC-MLOM- C25Q-04	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		UCS Manager v4.2(1a)	
Network Device	Notes for above	line ·											
• Supports 10Gb/s													
• •	es for above line												
			o 100 mot	ore with C	atEa/Cat6	A/Cat7 or better (10	1M/1000M	`					
UCSC-M-V25-04	SFP-10G-T-X	TMG	100M/1	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to	I	ucs	I
UC3C-IVI-V23-U4	3FF-10G-1-X	TIMG	000M/1 0G bps	355	30111	CatoA/7	Соррег	KJ-45	Соррег	85C		Manager v4.2(1a)	
	Notes for above	line :											
Supports 10Gb/s Transceiver Note	data rate only es for above line	:	400	::L 0	15 10 10	A/Q := 1		,					
• Supports 10Gb/s Transceiver Note • Up to 30 meters w	data rate only es for above line vith Cat6A/Cat7 or b	: petter (10G), up t	1		1	A/Cat7 or better (10	1	î	L		I	1	T
Supports 10Gb/s Transceiver Note	data rate only es for above line	:	0 100 met 100M/1 000M/1 0G bps	ers with C	at5e/Cat6,	A/Cat7 or better (10 Cat6A/7	OM/1000M Copper	) RJ-45	Copper	-5 to 85C		UCS Manager v4.2.3	_
• Supports 10Gb/s Transceiver Note • Up to 30 meters w UCSC-M- V5Q50G	data rate only es for above line vith Cat6A/Cat7 or b	: etter (10G), up t	100M/1 000M/1		1	,	1	î	Copper	-5 to 85C		Manager	_
• Supports 10Gb/s Transceiver Note • Up to 30 meters w UCSC-M- V5Q50G  Network Device	data rate only es for above line vith Cat6A/Cat7 or b SFP-10G-T-X  Notes for above	: petter (10G), up to TMG	100M/1 000M/1 0G bps	SFP+	30m	,	Copper	RJ-45	Copper	-5 to 85C		Manager	_
Supports 10Gb/s Transceiver Note Up to 30 meters w UCSC-M- V5Q50G  Network Device VIC 15428. Supp	data rate only es for above line vith Cat6A/Cat7 or b SFP-10G-T-X  Notes for above	etter (10G), up to	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		Manager	_
Supports 10Gb/s: Transceiver Note Up to 30 meters w UCSC-M- V5Q50G  Network Device VIC 15428. Supp Transceiver Note	data rate only as for above line with Cat6A/Cat7 or b SFP-10G-T-X  Notes for above orts 10 Gb/s data ra as for above line	tine:  TMG  TIMG  line:  ate only. Please:	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		Manager	_
Supports 10Gb/s: Transceiver Note Up to 30 meters w UCSC-M- V5Q50G  Network Device VIC 15428. Supp Transceiver Note	data rate only as for above line with Cat6A/Cat7 or b SFP-10G-T-X  Notes for above orts 10 Gb/s data ra as for above line	tine:  TMG  TIMG  line:  ate only. Please:	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		Manager	_
Supports 10Gb/s Transceiver Note Up to 30 meters w UCSC-M- V5Q50G  Network Device VIC 15428. Supp Transceiver Note Up to 30 meters w UCSC-M- V5Q50G-D	data rate only es for above line vith Cat6A/Cat7 or b SFP-10G-T-X  Notes for above orts 10 Gb/s data ra es for above line vith Cat6A/Cat7 or b SFP-10G-T-X	tine: atte only. Please tetter (10G), up to	100M/1 000M/1 0G bps refer to th 0 100 met 100M/1 000M/1	SFP+ e data she	30m eet for port	Cat6A/7  limitations and con	Copper	RJ-45		-5 to		Manager v4.2.3	_
Supports 10Gb/s Transceiver Note Up to 30 meters w UCSC-M- V5Q50G  Network Device VIC 15428. Supp Transceiver Note Up to 30 meters w UCSC-M- V5Q50G-D  Network Device	data rate only as for above line with Cat6A/Cat7 or b SFP-10G-T-X  Notes for above orts 10 Gb/s data ra es for above line with Cat6A/Cat7 or b SFP-10G-T-X  Notes for above	tine:  atte only. Please tetter (10G), up to the only. The tetter (10G), up to the only. The onl	100M/1 000M/1 0G bps refer to th 0 100 met 100M/1 000M/1 0G bps	e data she ers with C	eet for port at5e/Cat6.	Cat6A/7  limitations and con  A/Cat7 or better (10  Cat6A/7	Copper iigurations  0M/1000M  Copper	RJ-45		-5 to		Manager v4.2.3	_
Supports 10Gb/s Transceiver Note Up to 30 meters w UCSC-M- V5Q50G  Network Device VIC 15428. Supp Transceiver Note Up to 30 meters w UCSC-M- V5Q50G-D  Network Device	data rate only as for above line with Cat6A/Cat7 or b SFP-10G-T-X  Notes for above orts 10 Gb/s data ra es for above line with Cat6A/Cat7 or b SFP-10G-T-X  Notes for above	tine:  atte only. Please tetter (10G), up to the only. The tetter (10G), up to the only. The onl	100M/1 000M/1 0G bps refer to th 0 100 met 100M/1 000M/1 0G bps	e data she ers with C	eet for port at5e/Cat6.	Cat6A/7  limitations and con	Copper iigurations  0M/1000M  Copper	RJ-45		-5 to		Manager v4.2.3	_
Supports 10Gb/s Transceiver Note Up to 30 meters w UCSC-M- V5Q50G  Network Device VIC 15428. Supp Transceiver Note Up to 30 meters w UCSC-M- V5Q50G-D  Network Device VIC 15428. Supp	data rate only as for above line with Cat6A/Cat7 or b SFP-10G-T-X  Notes for above orts 10 Gb/s data ra es for above line with Cat6A/Cat7 or b SFP-10G-T-X  Notes for above	tine:  ate only. Please  TMG  TMG  Image: A control of the control	100M/1 000M/1 0G bps refer to th 0 100 met 100M/1 000M/1 0G bps	e data she ers with C	eet for port at5e/Cat6.	Cat6A/7  limitations and con  A/Cat7 or better (10  Cat6A/7	Copper iigurations  0M/1000M  Copper	RJ-45		-5 to		Manager v4.2.3	_
Supports 10Gb/s: Transceiver Note Up to 30 meters w UCSC-M-V5Q50G  Network Device VIC 15428. Supp Transceiver Note Up to 30 meters w UCSC-M-V5Q50G-D  Network Device VIC 15428. Supp Transceiver Note VIC 15428. Supp	data rate only as for above line with Cat6A/Cat7 or b SFP-10G-T-X  Notes for above orts 10 Gb/s data ra as for above line SFP-10G-T-X  Notes for above orts 10 Gb/s data ra as for above orts 10 Gb/s data ra as for above	tine:  ate only. Please  TMG  tine:  the tite (10G), up to the tite (10G), up to the tite (10G), up to the tite only. Please  tite only. Please  tite only. Please	100M/1 000M/1 0G bps refer to th 0 100 met 100M/1 0G bps	e data she ers with C SFP+	at5e/Cat6. 30m	Cat6A/7  limitations and con  A/Cat7 or better (10  Cat6A/7	Copper igurations  DM/1000M  Copper	RJ-45		-5 to		Manager v4.2.3	_
Supports 10Gb/s: Transceiver Note Up to 30 meters w UCSC-M-V5Q50G  Network Device VIC 15428. Supp Transceiver Note Up to 30 meters w UCSC-M-V5Q50G-D  Network Device VIC 15428. Supp Transceiver Note VIC 15428. Supp	data rate only as for above line with Cat6A/Cat7 or b SFP-10G-T-X  Notes for above orts 10 Gb/s data ra as for above line SFP-10G-T-X  Notes for above orts 10 Gb/s data ra as for above orts 10 Gb/s data ra as for above	tine:  ate only. Please  TMG  tine:  the tite (10G), up to the tite (10G), up to the tite (10G), up to the tite only. Please  tite only. Please  tite only. Please	100M/1 000M/1 0G bps refer to th 0 100 met 100M/1 0G bps	e data she ers with C SFP+	at5e/Cat6. 30m	Cat6A/7  limitations and con  A/Cat7 or better (10  Cat6A/7  limitations and con	Copper igurations  DM/1000M  Copper	RJ-45		-5 to		Manager v4.2.3	

Network Device Product ID	Transciever 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 I	ine :													
• VIC 15425. Supp	VIC 15425. Supports 10 Gb/s data rate only. Please refer to the data sheet for port limitations and configurations														
Transceiver Note	ransceiver Notes for above line :														
• Up to 30 meters w	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	Up to 30 meters with Cat6A/Cat7 or better (10G), up to 100 meters with Cat5e/Cat6A/Cat7 or better (100M/1000M)   CSC-P-V5Q50G   SFP-10G-T-X   TMG   100M/1   SFP+   30m   Cat6A/7   Copper   RJ-45   Copper   RJ-45   Copper   RJ-45   Copper   RJ-45   RJ-4														
Network Device	Notes for above I	ine :													
• VIC 15425. Supp	orts 10 Gb/s data ra	te only. Please	refer to the	e data she	et for port	limitations and conf	gurations								
Transceiver Note	es for above line :														
• Up to 30 meters v	ith Cat6A/Cat7 or b	etter (10G), up to	0 100 mete	ers with Ca	at5e/Cat6/	A/Cat7 or better (100	M/1000M	)							
UCSC-M- V5Q50GV2	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		UCS Manager v4.3(2c)	_		
Network Device	Notes for above I	ine ·													
• VIC 15427. Supp			refer to the	e data she	et for port	limitations and conf	durations								
Transceiver Note		•					<b>J</b>								
Up to 30 meters w	vith Cat6A/Cat7 or b	etter (10G), up to	o 100 mete	ers with Ca	at5e/Cat6/	A/Cat7 or better (100	M/1000M	)							
UCSC-M- V5Q50GV2D	SFP-10G-T-X	TMG	100M/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		UCS Manager v4.3(2c)	_		
Network Device	Notes for above I	ine ·													
• VIC 15427. Supp			refer to the	e data she	et for port	limitations and conf	gurations								
Transceiver Note		•													
Up to 30 meters v	vith Cat6A/Cat7 or b	etter (10G), up to	100 mete	ers with Ca	at5e/Cat6/	A/Cat7 or better (100	M/1000M	)							

### NCS5500

	Transciever 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/1 000M/1 0G bps	SFP+	30m	Cat6A/7	Copper	RJ-45	Copper	-5 to 85C		IOS XR 7.2.1	

#### 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)

## ESS3300

Network Device Product ID	Transciever 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/1 000M/1 0G 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 :

• 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.

#### 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)

• Up to 30 meters w	in Calba/Cat/ of be	etter (10G), up to	o roo mete	ers with Ca	albe/Calb/	VCat7 of better (100	IIVI/ TUUUIVI,	)				
ESS-3300-NCP-A	SFP-10G-T-X	TMG	100M/1 000M/1 0G 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 :

• 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.

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)