

Cisco QSFP-100G-ER4L-S Compatibility Matrix Datasheet



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Compatible Devices:

C9500
 NCS1000
 NCS5500
 NCS6000
 NCS4000
 ASR900
 N9300
 N3000
 N9500
 ASR9000
 ASR1000
 ASR903
 NCS4200
 NCS540
 NCS560
 CBR8
 C9600
 N9800
 N7700
 8000 Series
 C8500
 C9300X
 C9400X

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
N560-IMA-2C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.2.1	IOS XR 7.2.1
Network Device Notes for above line : • No breakout supported Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N560-IMA-2C-DD	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.1	IOS XR 7.3.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

ASR9000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
A99-12X100GE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-12X100GE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.5.1	IOS XR 64 Bit 6.5.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9K-4X100GE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.5.1	IOS XR 64 Bit 6.5.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9K-4X100GE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-4X100GE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.5.1	IOS XR 64 Bit 6.5.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-4X100GE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-32X100GE-TR	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.5.2	IOS XR 64 Bit 6.5.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9K-16X100GE-TR	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.5.2	IOS XR 64 Bit 6.5.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
ASR-9901	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.0.1	IOS XR 64 Bit 7.0.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9K-20HG-FLEX-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9K-20HG-FLEX-TR	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9K-8HG-FLEX-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9K-8HG-FLEX-TR	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-32X100GE-X-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-32X100GE-X-TR	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-32HG-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9K-20HG-FLEX-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9K-8HG-FLEX-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-16X100GE-X-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 6.5.2	IOS XR 64 Bit 6.5.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
ASR-9903	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.1.25	IOS XR 64 Bit 7.1.25
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9903-20HG-PEC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.1.25	IOS XR 64 Bit 7.1.25
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-10X400GE-X-TR	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-10X400GE-X-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9K-4HG-FLEX-TR	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9K-4HG-FLEX-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

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
A99-4HG-FLEX-TR	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-4HG-FLEX-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
ASR-9902	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-4T-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9903-20HG-PEC-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.1.25	IOS XR 64 Bit 7.1.25
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
ASR-9903-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.1.25	IOS XR 64 Bit 7.1.25
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
ASR-9902-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A9K-4HG-FLEX-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-4HG-FLEX-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-12X100GE-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-12X100GE-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 bit 6.5.1	IOS XR 64 bit 6.5.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-16X100GE-X-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 bit 6.5.2	IOS XR 64 bit 6.5.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
ASR-9901-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.0.1	IOS XR 64 Bit 7.0.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
A99-32X100GE-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 bit 6.5.2	IOS XR 64 bit 6.5.2

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Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
A9K-16X100GE-FC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 bit 6.5.2	IOS XR 64 bit 6.5.2
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													

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
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N540-24Z8Q2C-SYS	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.5.3	IOS XR 6.5.3
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N540-ACC-SYS	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.5.3	IOS XR 6.5.3
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N540X-ACC-SYS	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.5.3	IOS XR 6.5.3
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N540X-16Z4G8Q2C-A	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N540X-16Z4G8Q2C-D	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N540-28Z4C-SYS-A	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N540-28Z4C-SYS-D	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N540-FH-CSR-SYS	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N540-24Q8L2DD-SYS	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.4.1	IOS XR 7.4.1
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N540-FH-AGG-SYS	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.7.1	IOS XR 7.7.1
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N540X-16Z8Q2C-D	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.5.2	IOS XR 7.5.2
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													

N3000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N3K-C36180YC-R	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3(1)	NX-OS 9.3(1)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N3K-C3636C-R	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.2(3)	NX-OS 9.2(3)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N3K-C34180YC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.2.2	NX-OS 9.2.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N3K-C3408-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3(5)	NX-OS 9.3(5)
Network Device Notes for above line : • Supported on 100G and 400G LEM Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N3K-C3432D-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3(5)	NX-OS 9.3(5)
Network Device Notes for above line : • Supported on 100G and 400G LEM Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N3K-C3464C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3(1)	NX-OS 9.3(1)
Network Device Notes for above line : • QSFP Ports (1-64). Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

N9800

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-X9836DM-A	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.3(3)F	NX-OS 10.3(3)F
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-X98900CD-A	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

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-24C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 16.12.1	IOS XE 16.12.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • When in use with C9600-SUP-1. Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
C9600-LC-24C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.7.1	IOS XE 17.7.1
Network Device Notes for above line : • When in use with C9600X-SUP-2. Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
C9600-LC-40YL4CD	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.7.1	IOS XE 17.7.1
Network Device Notes for above line : • When in use with C9600X-SUP-2. Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
C9600-LC-40YL4CD	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.8.1	IOS XE 17.8.1
Network Device Notes for above line : • When in use with C9600-SUP-1. Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
C9600X-LC-32CD	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.9.1	IOS XE 17.9.1
Network Device Notes for above line : • When in use with C9600X-SUP-2. Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
C9600X-LC-56YL4C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.13.1	IOS XE 17.13.1
Network Device Notes for above line : • When in use with C9600X-SUP-2. Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

N7700

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N77-M312CQ-26L	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 8.2(1)	NX-OS 8.2(1)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N77-F430CQ-36	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 8.3(1)	NX-OS 8.3(1)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

C8500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C8500-12X4QC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.3.2	IOS XE 17.3.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C8500-20X6C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.10.1	IOS XE 17.10.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

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	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.7.1	IOS XE 17.7.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
C9400X-SUP-2XL	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.7.1	IOS XE 17.7.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

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	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.2.1	NX-OS 9.2.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93180YC-EX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93180YC-FX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.2.1	NX-OS 9.2.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93180YC-FX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9348GC-FXP	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
Network Device Notes for above line : • Supported on ports 53 and 54 only Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9348GC-FXP	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.1.1	NX-OS 10.1.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93240YC-FX2	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supported on ports 49-60 <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-C93240YC-FX2	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3.1	NX-OS 9.3.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supported on ports 49-60 <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-C9336C-FX2	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.2.1	NX-OS 9.2.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-C9336C-FX2	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-C93108TC-EX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-C93108TC-EX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3.1	NX-OS 9.3.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-C93180LC-EX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.2.1	NX-OS 9.2.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Hardware profile port mode: 28x40G+4x100G - ports 29-32, 24x40G+6x100G - ports 25,27,29-32, 18x100G ports - 1,3,5,...27,29-32 <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-C93180LC-EX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> QSFP Ports (1-24,25,27,29-32; breakout on odd ports only from 1- 24; 26 and 28 are hw-disabled). Breakout supported in ACI-N9KDK9-13.1(1). <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-C93108TC-FX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-C93108TC-FX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3.1	NX-OS 9.3.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-C9364C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> Supported on ports 1 to 64 only. <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-C9364C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3.5	NX-OS 9.3.5
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-C9332C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • Supported on ports 1-32 Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9332C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.2(3)	NX-OS 10.2(3)
Network Device Notes for above line : • Supported on ports 1-32 Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93360YC-FX2	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3.1	NX-OS 9.3.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93360YC-FX2	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.1(2)	ACI-N9KDK9-14.1(2)
Network Device Notes for above line : • Supported on ports 97-108. Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93216TC-FX2	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3.1	NX-OS 9.3.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93216TC-FX2	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.1(2)	ACI-N9KDK9-14.1(2)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93600CD-GX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.2(2)	ACI-N9KDK9-14.2(2)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93600CD-GX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3(3)	NX-OS 9.3(3)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9316D-GX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.2(2)	ACI-N9KDK9-14.2(2)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9316D-GX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3(3)	NX-OS 9.3(3)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9364C-GX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.2(3)	ACI-N9KDK9-14.2(3)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9364C-GX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3(3)	NX-OS 9.3(3)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93180YC-FX3S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3(5)	NX-OS 9.3(5)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93180YC-FX3	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-15.1(3)	ACI-N9KDK9-15.1(3)

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93180YC-FX3	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.1(1)	NX-OS 10.1(1)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9336C-FX2-E	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.1.1	NX-OS 10.1.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9336C-FX2-E	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-15.2(4)	ACI-N9KDK9-15.2(4)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93108TC-FX3P	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-15.1(3)	ACI-N9KDK9-15.1(3)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93108TC-FX3P	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3.5	NX-OS 9.3.5
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9332D-GX2B	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-15.2(3)	ACI-N9KDK9-15.2(3)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9332D-GX2B	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.2(1q) F	NX-OS 10.2(1q) F
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9348D-GX2A	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-15.2(5)	ACI-N9KDK9-15.2(5)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9348D-GX2A	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.2(3) F	NX-OS 10.2(3) F
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9364D-GX2A	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-15.2(5)	ACI-N9KDK9-15.2(5)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9364D-GX2A	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.2(3) F	NX-OS 10.2(3) F
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9332D-H2R	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9348GC-FX3	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9348GC-FX3	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-16.0(5)	ACI-N9KDK9-16.0(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
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9348GC-FX3PH	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C9232E-B1	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(2)F	NX-OS 10.4(2)F
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93108TC-FX3	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(2)F	NX-OS 10.4(2)F
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93108TC-FX3	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-16.0(5)	ACI-N9KDK9-16.0(5)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-C93400LD-H1	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(2)F	NX-OS 10.4(2)F
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

ASR1000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
EPA-QSFP-1X100GE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 16.9.1	
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

N9500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-X9636C-R	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3(1)	NX-OS 9.3(1)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-X9636C-RX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3(1)	NX-OS 9.3(1)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-X9732C-EX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
N9K-X9732C-EX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.1.1	NX-OS 10.1.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

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-X9736C-FX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-X9736C-FX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3.1	NX-OS 9.3.1
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-X9736C-EX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.1(1)	NX-OS 10.1(1)
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-X9788TC-FX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.1(1)	NX-OS 10.1(1)
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-X9732C-FX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.1(1)	NX-OS 10.1(1)
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-X96136YC-R	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.3(1)	NX-OS 9.3(1)
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-X9716D-GX	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.1(1)	NX-OS 10.1(1)
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-X9624D-R2	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.1(2)	NX-OS 10.1(2)
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-X9400-8D	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-16.0(2h)	ACI-N9KDK9-16.0(2h)
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-X9400-16W	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.3(2)	NX-OS 10.3(2)
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
N9K-X9400-16W	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	ACI-N9KDK9-16.0(2h)	ACI-N9KDK9-16.0(2h)
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													

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-NM-2C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.5.1	IOS XE 17.5.1
Transceiver Notes for above line : <ul style="list-style-type: none"> • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
C9300X-NM-4C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.5.1	IOS XE 17.5.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • Uplink module C9300X-NM-4C is supported in the C9300X-48HX, C9300X-48TX and C9300X-24Y. Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

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	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
C9500-48Y4C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
C9500-32QC	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
C9500-32C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
C9500X-28C8D	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.8.1	IOS XE 17.8.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
C9500X-60L4D	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.10.1	IOS XE 17.10.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

NCS4200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NCS4200-2H-PQ	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 16.11.1	
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

8000 Series

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
8201	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

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
8202	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
8800-LC-36FH	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
8800-LC-48H	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
8201-32FH	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.15	IOS XR 7.3.15
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
88-LC0-36FH-M	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.15	IOS XR 7.3.15
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
88-LC0-36FH	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.15	IOS XR 7.3.15
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
8101-32FH	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.2	IOS XR 7.3.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
8101-32H	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.3	IOS XR 7.3.3
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
8102-64H	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.3	IOS XR 7.3.3
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
88-LC0-34H14FH	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.3	IOS XR 7.3.3
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
8202-32FH-M	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.5.2	IOS XR 7.5.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
8201-24H8FH	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.5.2	IOS XR 7.5.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
86-MPA-14H2FH-M	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.10.1	IOS XR 7.10.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
86-MPA-4FH-M	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.10.1	IOS XR 7.10.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

CBR8

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
CBR-SUP-250G	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.9.1w	IOS XE 17.9.1w

Transceiver Notes for above line :

- 40km (with host FEC), 30km (without host FEC)
- V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)

NCS5500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NC55-36X100G	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.2.2	IOS XR 6.2.2

Transceiver Notes for above line :

- 40km (with host FEC), 30km (without host FEC)
- V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)

NC55-24X100G-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.2.2	IOS XR 6.2.2
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Transceiver Notes for above line :

- 40km (with host FEC), 30km (without host FEC)
- V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)

NC55-18H18F	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.2.2	IOS XR 6.2.2
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Transceiver Notes for above line :

- 40km (with host FEC), 30km (without host FEC)
- V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)

NC55-24H12F-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.2.2	IOS XR 6.2.2
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Transceiver Notes for above line :

- 40km (with host FEC), 30km (without host FEC)
- V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)

NC55-36X100G-A-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.3.1	IOS XR 6.3.1
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Transceiver Notes for above line :

- 40km (with host FEC), 30km (without host FEC)
- V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)

NCS-5501	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
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Transceiver Notes for above line :

- 40km (with host FEC), 30km (without host FEC)
- V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)

NCS-5501-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
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Transceiver Notes for above line :

- 40km (with host FEC), 30km (without host FEC)
- V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)

NCS-5502	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
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Transceiver Notes for above line :

- 40km (with host FEC), 30km (without host FEC)
- V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)

NCS-5502-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
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Transceiver Notes for above line :

- 40km (with host FEC), 30km (without host FEC)
- V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)

NCS-55A1-36H-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
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Transceiver Notes for above line :

- 40km (with host FEC), 30km (without host FEC)
- V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)

NCS-55A1-24H	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
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Transceiver Notes for above line :

- 40km (with host FEC), 30km (without host FEC)
- V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)

NC55-36X100G-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.2.1	IOS XR 7.2.1
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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
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NCS-55A1-36H-SE-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NC55-MPA-4H-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NC55-MPA-4H-HD-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NC55-MPA-1TH2H-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NCS-55A1-48Q6H	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.6.25	IOS XR 6.6.25
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NCS-55A1-24Q6H-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.6.25	IOS XR 6.6.25
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NC55-MPA-4H-HX-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NC57-24DD	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.0.2	IOS XR 7.0.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NC57-18DD-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.0.2	IOS XR 7.0.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NCS-55A1-24Q6H-SS	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.2.1	IOS XR 7.2.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NC55-32T16Q4H-A	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.2.2	IOS XR 7.2.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NC57-36H-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.2.2	IOS XR 7.2.2
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NCS-57B1-6D24H-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NCS-57B1-5D24-SE	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NC57-MPA-2D4H-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP2 8	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.4.1	IOS XR 7.4.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> In conjunction with NCS-57C3 platform <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
NC57-MPA-2D4H-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.6.1	IOS XR 7.6.1
<p>Network Device Notes for above line :</p> <ul style="list-style-type: none"> In conjunction with NC57-MOD-S platform <p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
NCS-57C3-MOD-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.4.1	IOS XR 7.4.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
NCS-57C3-MOD-SE-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.4.1	IOS XR 7.4.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
NC57-36H6D-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.2	IOS XR 7.3.2
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
NC57-MOD-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.6.1	IOS XR 7.6.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
NCS-57C1-48Q6-SYS	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.5.2	IOS XR 7.5.2
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
NC57-48Q2D-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.10.1	IOS XR 7.10.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
NC57-48Q2D-SE-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.10.1	IOS XR 7.10.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													
NCS-57C1-48Q6D-S	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.5.2	IOS XR 7.5.2
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													

ASR900

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
N560-IMA2C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 16.11.1	IOS XE 16.11.1
<p>Transceiver Notes for above line :</p> <ul style="list-style-type: none"> 40km (with host FEC), 30km (without host FEC) V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min) 													

NCS6000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NC6-20X100GE-M-C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NC6-20X100GE-L-C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

NCS1000

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
NCS1K4-2-QDD-C-K9	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													
NCS1K4-OTN-XP	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

NCS4000

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
NCS4K-4H-OPW-QC2	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.1.42	IOS XR 6.1.42
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													

ASR903

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
A900-IMA2C	QSFP-100G-ER4L-S	TMG	100 Gbps	QSFP28	40km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 16.11.1	
Transceiver Notes for above line : • 40km (with host FEC), 30km (without host FEC) • V01 of QSFP-100G-ER4L-S allows Tx Power range with +4.5 (Max) to -2.9 (Min) and Rx Power range with -4.9 (Max) to -19.9 (Min)													