



# Cisco Optics-to-Device Compatibility Matrix Results

## Network Device Product Family

### 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-C3464C	QSFP-100G-SR4-S	TMG	100 Gbps	QSFP28	100m	Parallel Fiber	MMF	MPO-12 (UPC)	Optic	0 to 70C	Y	NX-OS 9.2(3)	NX-OS 9.2(3)
Network Device Notes for above line : • QSFP Ports (1-64). Transceiver Notes for above line : • OM3: 70m; OM4/OM5: 100m													
N3K-C3464C	QSFP-100G-CWDM4-S	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.2(3)	NX-OS 9.2(3)
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-100G-PSM4-S	TMG	100 Gbps	QSFP28	500m	Parallel Fiber	SMF	MPO-12 (APC)	Optic	0 to 70C	Y	NX-OS 9.2(3)	NX-OS 9.2(3)
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-100G-LR4-S	TMG	100 Gbps	QSFP28	10km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 9.2(3)	NX-OS 9.2(3)
Network Device Notes for above line : • QSFP Ports (1-64).													
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)													
N3K-C3464C	QSFP-40/100-SRBD	TMG	40/100 Gbps	QSFP28	100m	Duplex Fiber	MMF	LC (UPC)	Optic	40G: +10 to +70C / 100G: +10 to +60C	Y	NX-OS 9.2(3)	NX-OS 9.2(3)
Network Device Notes for above line : • QSFP Ports (1-64). Transceiver Notes for above line : • OM3: 70m; OM4/OM5: 100m													
N3K-C3464C	QSFP-100G-CU1M	TMG	100 Gbps	QSFP28	1m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-100G-CU2M	TMG	100 Gbps	QSFP28	2m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-100G-CU3M	TMG	100 Gbps	QSFP28	3m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-100G-CU5M	TMG	100 Gbps	QSFP28	5m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-4SFP25G-CU1M	TMG	100 Gbps	QSFP28	1m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64). Breakout supported at 25G data rate. SLIC adapters (CVR-2QSFP28-8SFP) supports 25G breakout.													
N3K-C3464C	QSFP-4SFP25G-CU2M	TMG	100 Gbps	QSFP28	2m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64). Breakout supported at 25G data rate. SLIC adapters (CVR-2QSFP28-8SFP) supports 25G breakout.													

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N3K-C3464C	QSFP-4SFP25G-CU3M	TMG	100 Gbps	QSFP28	3m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64). Breakout supported at 25G data rate. SLIC adapters (CVR-2QSFP28-8SFP) supports 25G breakout.													
N3K-C3464C	QSFP-4SFP25G-CU5M	TMG	100 Gbps	QSFP28	5m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64). Breakout supported at 25G data rate. SLIC adapters (CVR-2QSFP28-8SFP) supports 25G breakout.													
N3K-C3464C	QSFP-100G-AOC1M	TMG	100 Gbps	QSFP28	1m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-100G-AOC2M	TMG	100 Gbps	QSFP28	2m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-100G-AOC3M	TMG	100 Gbps	QSFP28	3m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-100G-AOC5M	TMG	100 Gbps	QSFP28	5m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-100G-AOC7M	TMG	100 Gbps	QSFP28	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-100G-AOC10M	TMG	100 Gbps	QSFP28	10m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-100G-AOC15M	TMG	100 Gbps	QSFP28	15m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-100G-AOC30M	TMG	100 Gbps	QSFP28	30m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	SFP-10G-SR	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.2(3)	
Network Device Notes for above line : • SFP Ports (65-66). Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N3K-C3464C	SFP-10G-LR	TMG	10 Gbps	SFP+	10km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 9.2(3)	
Network Device Notes for above line : • SFP Ports (65-66).													
N3K-C3464C	QSFP-40G-SR4	TMG	40 Gbps	QSFP+	150m	Parallel Fiber	MMF	MPO-12 (UPC)	Optic	0 to 70C	Y	NX-OS 9.2(3)	NX-OS 9.2(3)
Network Device Notes for above line : • QSFP Ports (1-64). Transceiver Notes for above line : • OM2: 30m; OM3: 100m; OM4/OM5: 150m • DOM support for V03 or later													
N3K-C3464C	QSFP-40G-SR4-S	TMG	40 Gbps	QSFP+	150m	Parallel Fiber	MMF	MPO-12 (UPC)	Optic	0 to 70C	Y	NX-OS 9.2(3)	NX-OS 9.2(3)
Network Device Notes for above line : • QSFP Ports (1-64). Transceiver Notes for above line : • OM3: 100m; OM4/OM5: 150m • DOM support for V02 or later													
N3K-C3464C	QSFP-4X10G-LR-S	TMG	40 Gbps	QSFP+	10km	Parallel Fiber	SMF	MPO-12 (APC)	Optic	0 to 70C	Y	NX-OS 9.2(3)	NX-OS 9.2(3)
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-4SFP10G-CU5M	TMG	40 Gbps	QSFP+	5m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-4SFP10G-CU3M	TMG	40 Gbps	QSFP+	3m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—

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Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-4SFP10G-CU1M	TMG	40 Gbps	QSFP+	1m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-4X10G-AC7M	TMG	40 Gbps	QSFP+	7m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-4X10G-AC10M	TMG	40 Gbps	QSFP+	10m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-4X10G-AOC1M	TMG	40 Gbps	QSFP+	1m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-4X10G-AOC2M	TMG	40 Gbps	QSFP+	2m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-4X10G-AOC3M	TMG	40 Gbps	QSFP+	3m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-4X10G-AOC5M	TMG	40 Gbps	QSFP+	5m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-4X10G-AOC7M	TMG	40 Gbps	QSFP+	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-4X10G-AOC10M	TMG	40 Gbps	QSFP+	10m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 9.2(3)	—
Network Device Notes for above line : • QSFP Ports (1-64).													
N3K-C3464C	QSFP-100G-SL4	TMG	100 Gbps	QSFP28	30m	Parallel Fiber	MMF	MPO-12 (UPC)	Optic	0 to 70C	Y	NX-OS 9.2(3)	NX-OS 9.2(3)
Network Device Notes for above line : • QSFP Ports (1-64). Transceiver Notes for above line : • OM3: 20m; OM4/OM5: 30m													