



# Cisco Optics-to-Device Compatibility Matrix Results

## Network Device Product Family

### N5000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N5K-C5010P-BF	SFP-10G-SR	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 4.0(1a)N1(1)	NX-OS 4.0(1a)N1(1)
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N5K-C5010P-BF	SFP-10G-SR-S	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 4.0(1a)N1(1)	NX-OS 4.0(1a)N1(1)
Transceiver Notes for above line : • FDDI: 26m; OM1: 33m; OM2: 82m; OM3: 300m; OM4/OM5: 400m													
N5K-C5010P-BF	SFP-10G-LR	TMG	10 Gbps	SFP+	10km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 4.0(1a)N1(1)	NX-OS 4.0(1a)N1(1)
N5K-C5010P-BF	SFP-10G-LR-S	TMG	10 Gbps	SFP+	10km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	NX-OS 4.0(1a)N1(1)	NX-OS 4.0(1a)N1(1)
N5K-C5010P-BF	SFP-H10GB-CU1M	TMG	10 Gbps	SFP+	1m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 4.0(1a)N1(1)	—
Transceiver Notes for above line : • Only Version -02 and later of this DAC is supported													
N5K-C5010P-BF	SFP-H10GB-CU3M	TMG	10 Gbps	SFP+	3m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 4.0(1a)N1(1)	—
Transceiver Notes for above line : • Only Version -02 and later of this DAC is supported													
N5K-C5010P-BF	SFP-H10GB-CU5M	TMG	10 Gbps	SFP+	5m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 4.0(1a)N1(1)	—
Transceiver Notes for above line : • Only Version -02 and later of this DAC is supported													
N5K-C5010P-BF	SFP-H10GB-ACU7M	TMG	10 Gbps	SFP+	7m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 4.2(1)N2(1)	—
N5K-C5010P-BF	SFP-H10GB-ACU10M	TMG	10 Gbps	SFP+	10m	Preterminated cable	DAC	N/A	Cable	0 to 70C		NX-OS 4.2(1)N2(1)	—
N5K-C5010P-BF	FET-10G	TMG	10 Gbps	SFP+	100m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C		NX-OS 4.2(1)N1(1)	—
N5K-C5010P-BF	GLC-T	TMG	10/100/1000 Mbps	SFP	100m	Cat5e/6A	Copper	RJ-45	Copper	0 to 70C		NX-OS 4.0(1a)N1(1)	—
Network Device Notes for above line : • Supports 1000BASE-T mode only													
N5K-C5010P-BF	GLC-TE	TMG	10/100/1000 Mbps	SFP	100m	Cat5e/6A	Copper	RJ-45	Copper	-5 to 85C		NX-OS 4.0(1a)N1(1)	—
Network Device Notes for above line : • Supports 1000BASE-T mode only													
N5K-C5010P-BF	SFP-GE-T	TMG	10/100/1000 Mbps	SFP	100m	Cat5e/6A	Copper	RJ-45	Copper	-5 to 85C		NX-OS 4.0(1a)N1(1)	—
Network Device Notes for above line : • Supports 1000BASE-T mode only													
N5K-C5010P-BF	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 4.0(1a)N1(1)	NX-OS 4.0(1a)N1(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N5K-C5010P-BF	GLC-LH-SMD	TMG	1 Gbps	SFP	10km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 4.0(1a)N1(1)	NX-OS 4.0(1a)N1(1)

Network Device Product ID	Transciever Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
---------------------------	------------------------	---------------------------	-----------	-------------	-------	------------	-------	----------------	------------------	-----------	-------------	----------------------	-------------

Transceiver Notes for above line :

- GLC-LH-SMD can be used on MMF with a maximum reach of 550m
- LC mode-conditioning cable required for MMF applications