

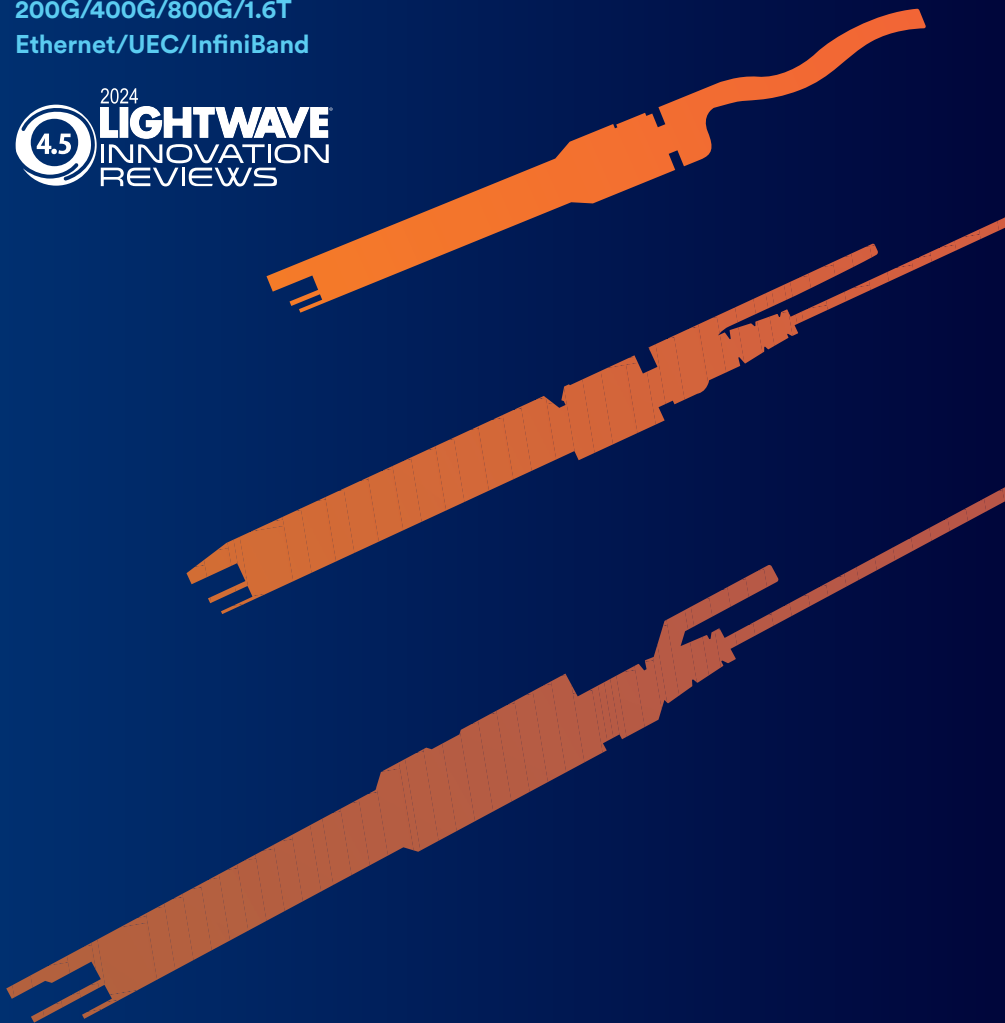


Accelerating the Next-Gen AI Connectivity

DAC | ACC | AEC | AOC | Transceiver

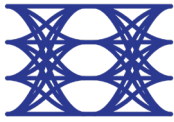
2x Faster

200G/400G/800G/1.6T
Ethernet/UEC/InfiniBand



About Us

Infraeo Inc. has a proven track record of engineering cutting-edge DSP, Redriver, Retimer, Photonics Integrated Circuits, and Silicon Photonics technologies to optical transceivers and active cables to enable the next generation optical and copper connectivity. Working with customers to develop reference designs, PDK, RDK, and volume production-friendly products with millions of annual shipments, Infraeo is the go-to partner for technology companies and manufacturers who want to showcase the best time-to-market connectivity products. Adopting a mixed fab-lite and contract manufacturing model, Infraeo also services the AI/data center and Enterprise networking market with lower power, lower latency, and faster shipping of connectivity products enabling the most robust networking worldwide.



**Higher
Performance**



Cost Efficient

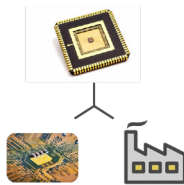


Lower Power

OUR ADVANTAGES



**Faster Time-
to-Market**



**End-to-End
Supply Integration**



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Featured Products:

Active Optical Cable



800G/400G/200G QSFP-DD/QSFP112/QSFP56 Linear Direct Drive AOC

KEY FEATURES

- ▶ Low power, Maximum power consumption 4.5W (each end)
- ▶ Interop with Broadcom & Mellanox NIC
- ▶ BERT 1E-8 or better up to 100m

Transceivers



800G OSFP SR8 Transceiver

KEY FEATURES

- ▶ Hot-pluggable, multimode
- ▶ Compliant with OSFP MSA Closed Finned Top with dual MPO-12 connector, Compliant with CMIS Rev 4.0
- ▶ Maximum power consumption 14W
- ▶ Up to 30m reach on MMF OM3 and 50m on Om4



400G OSFP SR4 Transceiver

KEY FEATURES

- ▶ Hot-pluggable, multimode
- ▶ Compliant with OSFP MSA/CMIS Rev 4.0
- ▶ Maximum power consumption 8.5W
- ▶ Up to 30m reach on MMF OM3 and 50m on Om4



400G QSFP-DD SR4 Transceiver

KEY FEATURES

- ▶ Hot-pluggable QSFP-DD multimode transceiver
- ▶ Reach up to 30m on MMF(OM3) or 50m on MMF(OM4)
- ▶ Power consumption <7 W
- ▶ Compliant with QSFP-DD CMIS Rev 4.0



800G OSFP DR8 Transceiver

KEY FEATURES

- ▶ InfiniBand 800G/2xNDR & 800GbE compatible
- ▶ Optical Interface: Dual MPO-12, Single Mode
- ▶ OSFP Form Factor in closed finned top



400G OSFP DR4 Transceiver

KEY FEATURES

- ▶ Compliant with OSFP-RHS/CMIS 4.0
- ▶ Maximum power consumption 9W
- ▶ Compatible WITH both IB NDR and Ethernet

Transceivers



400G QSFP-DD DR4 Transceiver

KEY FEATURES

- ▶ 400G-DR4 in QSFP-DD/QSFP112 form factor
- ▶ Compliant with IEEE P802.3bs standards
- ▶ Supports 500m, reach for 400G-DR
- ▶ Power consumption < 9W



400G QSFP-DD FR4/LR4 Transceiver

KEY FEATURES

- ▶ 400G FR4/LR4 in QSFP-DD/QSFP112 form factor
- ▶ Compliant with IEEE P802.3cu & 100G MSA standards
- ▶ Supports 2km, 6km & 10km reach for 400G-FR4, 400G-LR4 and 400G-LR4
- ▶ Power consumption < 9W

Active Copper Cable



800G OSFP/QSFP-DD

KEY FEATURES

- ▶ ACC power consumption < 1.5W/end
- ▶ Support up to 5m reach
- ▶ High-performance Hairtail+ bulk cable technology
- ▶ > 35% outer-diameter reduction
- ▶ > 30% bending radius reduction
- ▶ > 25% weight reduction

Active Electrical Cable Gearbox



400G QSFP-DD TO QSFP112 AEC Gearbox

KEY FEATURES

- ▶ QSFP-DD 8x50G to QSFP112 4x100G
- ▶ Up to 5-meter reach
- ▶ PAM4 signaling
- ▶ Latency <2,000 ps
- ▶ Power consumption: QDD End<5W, QSFP End<3W
- ▶ Commercial operating case temperature 0°C to +70°C

Direct Attached Cable



800G OSFP/QSFP-DD

KEY FEATURES

- ▶ 35% outer-diameter reduction
- ▶ 30% bending radius reduction
- ▶ 25% weight reduction
- ▶ 1.0dB over IEEE 802.3ck insertion loss limit

Transceiver

Transceiver		
Model Number	Nvidia Part Number	Description
O-100N-O-SR8	MMA4Z00-NS	Twin port, IB NDR, 800Gb/s, 2x 400Gb/s, OSFP, 2xMPO, 850nm MMF, SR8, up to 50m, Open finned top
O-100N-OC-SR8	MMA4Z00-NS-FLT	Twin port, IB NDR, 800Gb/s, 2x 400Gb/s, OSFP, 2xMPO, 850nm MMF, SR8, up to 50m, Closed finned top
O-100N-O-DR8	MMS4X00-NM	Twin port, IB NDR, 800Gb/s, 2x 400Gb/s, OSFP, 2x MPO, 1310nm SMF, DR8, up to 500m, Open finned top
O-100N-OC-DR8	MMS4X00-NM-FLT	Twin port, IB NDR, 800Gb/s, 2x 400Gb/s, OSFP, 2x MPO, 1310nm SMF, DR8, up to 500m, Closed finned top
O-100N-O-2FR4	MMS4X50-NM	Twin port, IB NDR, 800Gbps, 2xFR4, 2xNDR, OSFP, 2xLC-LC, 1310nm SMF, up to 2km, Open finned top
O-100N-OR-SR4	MMA4Z00-NS400	Single port, IB NDR, 400Gb/s, OSFP, MPO, 850nm MMF, SR4, up to 50m, flat top RHS
O-100N-Q-SR4	MMA1Z00-NS400	Single port, IB NDR, 400Gb/s, QSFP112, MPO, 850nm MMF, SR4, up to 100m
O-100N-OR-DR4	MMS4X00-NS400	Single port, IB NDR,400Gb/s, OSFP, MPO, 1310nm SMF, DR4, up to 500m Flat top RHS
O-50H-Q-SR4	MMA1T00-HS	IB HDR, 200Gb/s, QSFP56, MPO, 850nm, SR4, up to 100m
O-50H-Q-FR4	MMS1W50-HM	IB HDR, 200Gb/s, QSFP56, LC-LC, 1310nm, FR4, up to 2km
OL-100N-Q-SR4	MMA1Z00-NS400**	Single port, IB NDR,400Gb/s, QSFP112, Linear Direct Drive/LPO, MPO, 850nm MMF, SR4, up to 30m
OL-50H-Q-SR4	MMA1T00-HS**	IB HDR, 200Gb/s, QSFP56 LPO, MPO, 850nm, SR4, up to 100m

Active Optical Cable

AOC		
Model Number	Nvidia Part Number	Description
O-50H-O-2Q-XXX	MFA7U10-HXXX	Active optical splitter cable, IB HDR, 400Gb/s to 2x200Gb/s, OSFP56 to 2xQSFP56, 3m-50m
XXX=030, 050, 100, 150, 200, 300, 500	XXX=003, 005, 010, 015, 020, 030, 050	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m
O-50H-Q-Q-XXX	MFS1S00-HXXXV	Active optical cable, 200Gb/s, IB HDR, QSFP56 to QSFP56, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	XXX=003, 005, 010, 015, 020, 030, 050, 100	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
O-50H-Q-2Q-XXX	MFS1S50-HXXXV	Active optical splitter cable, IB HDR, 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	XXX=003, 005, 010, 015, 020, 030, 050, 100	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
OL-50H-Q-Q-XXX	MFS1S00-HXXXV**	Active optical cable, 200Gb/s, IB HDR, QSFP56 to QSFP56 Linear Direct Drive, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	XXX=003, 005, 010, 015, 020, 030, 050, 100	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
OL-50H-Q-2Q-XXX	MFS1S50-HXXXV**	Active optical splitter cable, IB HDR, 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56 Linear Direct Drive, 3m-100m
XXX=030, 050, 100, 150, 200, 300	XXX=003, 005, 010, 015, 020, 030, 050, 100	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m

Active Copper Cable

ACC		
Model Number	Nvidia Part Number	Description
A-200X-O-O-XXXB	-	Active copper cable, 1.6Tb/s, IB XDR, OSFP1600 to OSFP1600, 1m-3m
XXX=010, 020, 030	-	XXXB: 010B=1m, 020B=2m, 030B=3m
A-100N-O-2OR-XXXB	MCA7J60-NXXX	Active copper splitter cable, IB NDR, 800Gb/s to 2x 400Gb/s, OSFP open finned top to 2x OSFP-RHS,1m-5m
XXX=030, 040, 050	XXX=003, 004, 005	XXXB: 030B=3m, 040B=4m, 050B=5m
A-100N-O-4OR-XXXB	MCA7J70-NXXX	Active copper splitter cable, IB NDR, 800Gb/s to 4x 200Gb/s, OSFP open finned top to 4x OSFP-RHS, 1m-5m
XXX=030, 040, 050	XXX=003, 004, 005	XXXB: 030B=3m, 040B=4m, 050B=5m
A-100N-O-2Q-XXXB	MCA7J65-NXXX	Active copper splitter cable, IB NDR, 800Gb/s to 2x 400Gb/s, OSFP open finned top to 2x OSFP1123, 1m-5m
XXX=030, 040, 050	XXX=003, 004, 005	XXXB: 030B=3m, 040B=4m, 050B=5m
A-100N-O-4Q-XXXB	MCA7J75-NXXX	Active copper splitter cable, IB NDR, 800Gb/s to 4x 200Gb/s, OSFP open finned top to 4x OSFP1123,1m-5m
XXX=030, 040, 050	XXX=003, 004, 005	XXXB: 030B=3m, 040B=4m, 050B=5m
A-100N-O-O-XXXB	MCA7J80-NXXX	Active copper cable, IB NDR, 800Gb/s, OSFP to OSFP, 1m-5m
XXX=010, 020, 030, 040, 050	XXX=001, 002, 003, 004, 005	XXXB: 010B=1m, 020B=2m, 030B=3m, 040B=4m, 050B=5m
A-50H-Q-Q-XXXB	MCA1J00-HXXXE	Active copper cable, IB HDR, 200Gb/s, QSFP56 to QSFP56, 1m-7m
XXX=030, 040, 050, 070	-	XXXB: 030B=3m, 040B=4m, 050B=5m, 070B=7m
A-50H-Q-2Q-XXXB	MFS1S50-HXXXV	Active copper splitter cable, IB HDR, 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, 1m-7m
XXX=030, 040, 050, 070	-	XXXB: 030B=3m, 040B=4m, 050B=5m, 070B=7m
A-50H-O-2Q-XXXB	-	Active copper splitter cable, IB HDR, 400Gb/s to 2x200Gb/s, OSFP to 2xQSFP56, 1m-7m
XXX=030, 040, 050, 070	-	XXXB: 030B=3m, 040B=4m, 050B=5m, 070B=7m

Direct Attached Cable

DAC		
Model Number	Nvidia Part Number	Description
P-200X-O-O-XXXB	-	1.6Tb/s, IB XDR, OSFP1600 to OSFP1600, 0.5m-1m
XXX=010, 015	-	XXXB: 005B=0.5m, 010B=1m
P-100N-O-2OR-XXXB	MCP7Y00-NXXX	Splitter cable, IB NDR, 800Gb/s to 2x400Gb/s, OSFP open finned top to 2x OSFP-RHS, 1m-3m
XXX=010, 015, 020, 030	XXX=001, 001A, 002, 003	XXXB: 010B=1m, 015B=1.5m, 020B=2m, 030B=3m
P-100N-O-4OR-XXXB	MCP7Y50-NXXX	Splitter cable, IB NDR, 800Gb/s to 4x400Gb/s, OSFP open finned top to 2x OSFP-RHS, 1m-3m
XXX=010, 015, 020, 030	XXX=001, 001A, 002, 003	XXXB: 010B=1m, 015B=1.5m, 020B=2m, 030B=3m
P-100N-O-2Q-XXXB	MCP7Y10-NXXX	Splitter cable, IB NDR, 800Gb/s to 2x400Gb/s, OSFP finned top to 2x QSFP112 flat top, 1m-3m
XXX=010, 015, 020, 030	XXX=001, 001A, 002, 003	XXXB: 010B=1m, 015B=1.5m, 020B=2m, 030B=3m
P-100N-O-4Q-XXXB	MCP7Y40-NXXX	Splitter cable, IB NDR, 800Gb/s to 4x200Gb/s, OSFP finned top to 4x QSFP112 flat top, 1m-3m
XXX=010, 015, 020, 030	XXX=001, 001A, 002, 003	XXXB: 010B=1m, 015B=1.5m, 020B=2m, 030B=3m
P-100N-O-O-XXXB	MCP4Y10-NXXX	800Gb/s, IB NDR, OSFP to OSFP, 1m-3m
XXX=010, 015, 020, 030	XXX=001, 001A, 002, 003	XXXB: 010B=1m, 015B=1.5m, 020B=2m, 030B=3m
P-50H-O-2Q-XXXB	MCP7Y60-HXXX	Splitter cable, IB HDR, 400Gb/s to 2x200Gb/s, OSFP to 2xQSFP56, 1m-2m
XXX=010, 015, 020	XXX=001, 001A, 002	XXXB: 010B=1m, 015B=1.5m, 020B=2m
P-50H-O-4Q-XXXB	MCP7Y70-HXXX	Splitter cable, IB HDR, 400Gb/s to 4x100Gb/s, OSFP to 4xQSFP56, 1m-2m
XXX=010, 015, 020	XXX=001, 001A, 002	XXXB: 010B=1m, 015B=1.5m, 020B=2m
P-50H-Q-2Q-XXXB	MCP7H50-H0XXXXX	Splitter cable, IB HDR, 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, 1m-2m
XXX=010, 015, 020	XXXXX=01R30, 1AR30, 02R26	XXXB: 010B=1m, 015B=1.5m, 020B=2m
P-50H-Q-Q-XXXB	MCP1650-H0XXXXX	200Gb/s, IB HDR, QSFP56 to QSFP56, 0.5m-2m
XXX=005, 010, 015, 020	XXXXXX=0AE30, 01E30, 1AE30, 02E26	XXXB: 005B=0.5m, 010B=1m, 015B=1.5m, 020B=2m

Ethernet

Transceiver

Transceiver		
Model Number	Nvidia Part Number	Description
O-100-O-SR8	MMA4Z00-NS-T	Twin port, Ethernet, 800Gb/s, 2x 400Gb/s, OSFP, 2xMPO, 850nm MMF, SR8, up to 100m, Open finned top
O-100-OC-SR8	MMA4Z00-NS-FLT	Twin port, Ethernet, 800Gb/s, 2x 400Gb/s, OSFP, 2xMPO, 850nm MMF, SR8, 100m, Closed finned top
O-100-O-DR8	MMS4X00-NS-T	Twin port, Ethernet, 800Gb/s, 2x 400Gb/s, OSFP, 2x MPO, 1310nm SMF, DR8, up to 500m, Open finned top
O-100-OC-DR8	MMS4X00-NS	Twin port, Ethernet, 800Gb/s, 2x 400Gb/s, OSFP, 2x MPO, 1310nm SMF, DR8, up to 500m, Closed finned top
O-100-Q-2FR4	MMS4X50-NM	Twin port, Ethernet, , 800Gbps, 2xFR4, OSFP, 2xLC-LC, 1310nm SMF, up to 2km, Open finned top
O-100-OR-SR4	MMA4Z00-NS400-T	Single port, Ethernet, 400Gb/s, OSFP, MPO, 850nm MMF, SR4, up to 50m, flat top RHS
Q-100-Q-SR4	MMA1Z00-NS400-T	Single port, Ethernet, 400Gb/s, QSFP112, MPO, 850nm MMF, SR4, up to 100m
O-100-OR-DR4	MMS4X00-NS400	Single port, Ethernet, 400Gb/s, OSFP, MPO, 1310nm SMF, DR4, up to 500m, Flat top RHS
O-50-Q-SR4	MMA1T00-VS	Ethernet, 200Gb/s, QSFP56, MPO, 850nm, SR4, up to 100m
O-50-Q-FR4	MMS1W50-HM	Ethernet, 200Gb/s, QSFP56, LC-LC, 1310nm, FR4, up to 2km
O-50-QD-SR4	-	Ethernet, 400Gb/s, QSFP-DD SR4, MPO, 850nm MMF, up to 100m
O-50-QD-SR8	T-QD8FNS-N00-M	Ethernet, 400Gb/s, QSFP-DD SR8, MPO16, up to 100m
O-50-QD-DR4	MMS1V00-WM	Ethernet, 400Gb/s, QSFP-DD DR4, 1310nm, MPO, up to 500m
O-50-QD-FR4	MMS1V50-WM	Ethernet, 400Gb/s, QSFP-DD FR4, 1310nm, LC-LC, up to 2km
O-50-QD-LR4	MMS1V90-WR	Ethernet, 400Gb/s, QSFP-DD LR4, 1310nm, LC-LC, up to 10km
OL-100-QD-SR8	-	Ethernet, 800Gb/s, QSFP-DD SR8 Linear Direct Drive(LPO), MPO16, up to 100m
OL-50-QD-SR8	-	Ethernet, 400Gb/s, QSFP-DD SR8 LPO, MPO16, up to 100m
OL-50-Q-SR4	MMA1T00-VS**	Ethernet, 200Gb/s, QSFP56 LPO, MPO, 850nm, SR4, up to 100m
OL-50-O-SR8	-	Ethernet, 400Gb/s, OSFP LPO, MPO16, up to 100m
O-25-QD-SR8	-	Ethernet, 200Gb/s, NRZ 8x25Gb/s, QSFP-DD SR8, MPO16, up to 100m
O-25-Q-LR-BIDI	-	Ethernet, 100Gb/s, QSFP28 LR BIDI, SMF, up to 20km

Direct Attached Cable

DAC		
Model Number	Nvidia Part Number	Description
P-200-O-Q-XXXB	-	1.6Tb/s, Ethernet, OSFP1600 to OSFP1600, 1m-1.5m
XXX=010, 015	-	XXXB=010B=1m, 015B=1.5m
P-100-QD-QD-XXXB	-	800Gb/s, Ethernet, QSFP-DD to QSFP-DD, 1m-2m
XXX=010, 015, 020	-	XXXB: 010B=1m, 015B=1.5m, 020B=2m
P-50-QD-QD-XXXB	MCP1660-W0XXEYY	400Gb/s, Ethernet, QSFP-DD to QSFP-DD, 0.5m-3m
XXX=005, 010, 015, 020, 025, 030	XX=0A, 01, 1A, 02, 2A, 03 YY=30, 30, 30, 26, 26, 26	XXXB: 005B=0.5m, 010B=1m, 015B=1.5m, 020B=2m, 025B=2.5m, 030B=3m
P-50-QD-2Q-XXXB	MCP7H60-W0XXEYY	Splitter cable, 400Gb/s to 2x200Gb/s, Ethernet QSFP-DD to 2xQSFP56, 1m-3m
XXX=010, 015, 020, 025, 030	XX=01, 1A, 02, 2A, 03 YY=30, 30, 26, 26, 26	XXXB: 010B=1m, 015B=1.5m, 020B=2m, 025B=2.5m, 030B=3m
P-50-QD-4Q-XXXB	MCP7H70-V0XXXXXX	Splitter cable, 400Gb/s to 4x100Gb/s, Ethernet QSFP-DD to 4xQSFP56, 1m-3m
XXX=010, 015, 020, 025, 030	XX=01, 1A, 02, 2A, 03 YY=30, 30, 26, 26, 26	XXXB: 010B=1m, 015B=1.5m, 020B=2m, 025B=2.5m, 030B=3m
P-50-Q-2Q-XXXB	MCP7H50-V0XXXXXX	Splitter cable, 200Gb/s to 2x100Gb/s, Ethernet QSFP56 to 2xQSFP56, 1m-3m
XXX=010, 015, 020, 025, 030	XX=01, 1A, 02, 2A, 03 YY=30, 30, 26, 26, 26	XXXB: 010B=1m, 015B=1.5m, 020B=2m, 025B=2.5m, 030B=3m
P-50-Q-4Q-XXXB	MCP7H70-V0XXXXXX	Splitter cable, 200Gb/s to 4x50Gb/s, Ethernet QSFP56 to 4xQSFP56, 1m-3m
XXX=010, 015, 020, 025, 030	XX=01, 1A, 02, 2A, 03 YY=30, 30, 26, 26, 26	XXXB: 010B=1m, 015B=1.5m, 020B=2m, 025B=2.5m, 030B=3m
P-50-Q-Q-XXXB	MCP1650-V0XXXXXX	200Gb/s, Ethernet, QSFP56 to QSFP56, 0.5m-3m
XXX=005, 010, 015, 020, 025, 030	XX=0A, 01, 1A, 02, 2A, 03 YY=30, 30, 30, 26, 26, 26	XXXB: 005B=0.5m, 010B=1m, 015B=1.5m, 020B=2m, 025B=2.5m, 030B=3m

Active Copper Cable

ACC		
Model Number	Nvidia Part Number	Description
A-200-O-Q-XXXB	-	1.6Tb/s, Ethernet, OSFP1600 to OSFP1600, 1m-3m
XXX=010, 020, 030	-	XXX: 010=1m, 020=2m, 030=3m
A-100-O-2OR-XXXB	MCA7J60-NXXX	Splitter cable, 800GbE, 800Gb/s to 2x400Gb/s, OSFP to 2xOSFP, 1m-5m
XXX=030, 040, 050	XXX=003, 004, 005	XXX: 030=3m, 040=4m, 050=5m
A-100-O-4OR-XXXB	MCA7J70-NXXX	Splitter cable, 800GbE, 800Gb/s to 4x200Gb/s, OSFP to 4xOSFP, 1m-5m
XXX=030, 040, 050	XXX=003, 004, 005	XXX: 030=3m, 040=4m, 050=5m
A-100-O-2Q-XXXB	MCA7J65-NXXX	Splitter cable, 800GbE, 800Gb/s to 2x400Gb/s, OSFP to 2xQSFP112, 1m-5m
XXX=030, 040, 050	XXX=003, 004, 005	XXX: 030=3m, 040=4m, 050=5m
A-100-O-4Q-XXXB	MCA7J75-NXXX	Splitter cable, 800GbE, 800Gb/s to 4x200Gb/s, OSFP to 4xQSFP112, 1m-5m
XXX=030, 040, 050	XXX=003, 004, 005	XXX: 030=3m, 040=4m, 050=5m
A-100-O-Q-XXXB	MCA7J80-NXXX	800Gb/s, Ethernet, Active copper cable(ACC), OSFP to OSFP, 1m-5m
XXX=030, 040, 050	XXX=001, 002, 003, 004, 005	XXX: 030=3m, 040=4m, 050=5m
A-100-QD-QD-XXXB	-	800Gb/s, Ethernet, Active copper cable(ACC), QSFP-DD to QSFP-DD, 1m-5m
XXX=030, 040, 050	-	XXX: 030=3m, 040=4m, 050=5m
A-100-Q-Q-XXXB	-	400Gb/s, Ethernet, Active copper cable(ACC), QSFP112 to QSFP112, 1m-5m
XXX=030, 040, 050	-	XXX: 030=3m, 040=4m, 050=5m
A-50-Q-Q-XXXB	MCA1J00-HXXXE	200Gb/s, Ethernet, Active copper cable(ACC), QSFP56 to QSFP56, 1m-7m
XXX=030, 040, 050, 070	-	XXX: 030=3m, 040=4m, 050=5m, 070=7m
A-50-Q-2Q-XXXB	MFS1S50-HXX XV	Splitter cable, Ethernet, Active copper cable(ACC), 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, 1m-7m
XXX=030, 040, 050, 070	-	XXX: 030=3m, 040=4m, 050=5m, 070=7m
A-50-O-2Q-XXXB	-	Splitter cable, Ethernet, Active copper cable(ACC), 400Gb/s to 2x200Gb/s, OSFP to 2xQSFP56, 1m-7m
XXX=030, 040, 050, 070	-	XXX: 030=3m, 040=4m, 050=5m, 070=7m

Active Electrical Cable

AEC		
Model Number	Description	
E-100-O-Q-XXXB	800Gb/s, Ethernet, OSFP800 to OSFP800, 3m-5m	
XXX=030, 040, 050	XXX: 030=3m, 040=4m, 050=5m	
E-100-O-2O-XXXB	Splitter cable, 800Gb/s to 2x400Gb/s, Ethernet, OSFP800 to 2xOSFP800, 3m-5m	
XXX=030, 040, 050	XXX: 030=3m, 040=4m, 050=5m	
E-100-Q-2OR-XXXB	Splitter cable, 800Gb/s to 2x400Gb/s, Ethernet, OSFP800 to 2xOSFP-RHS, 3m-5m	
XXX=030, 040, 050	XXX: 030=3m, 040=4m, 050=5m	
E-100-Q-2Q-XXXB	Splitter cable, 800Gb/s to 2x400Gb/s, Ethernet, OSFP800 to 2xQSFP112, 3m-5m	
XXX=030, 040, 050	XXX: 030=3m, 040=4m, 050=5m	
E-100-QD-QD-XXXB	800Gb/s, Ethernet, QSFP-DD800 to QSFP-DD800, 3m-5m	
XXX=030, 040, 050	XXX: 030=3m, 040=4m, 050=5m	
E-100-QD-QR-XXXB	Splitter cable, 800Gb/s to 2x400Gb/s, Ethernet, QSFP-DD800 to 2xQSFP112, 3m-5m	
XXX=030, 040, 050	XXX: 030=3m, 040=4m, 050=5m	
E-100-Q-Q-XXXB	400Gb/s, Ethernet, QSFP112 to QSFP-112, 3m-5m	
XXX=030, 040, 050	XXX: 030=3m, 040=4m, 050=5m	
E-50-QD-OR4-XXXB	400Gb/s, 8x50Gb/s Gearbox to 4x 100Gb/s, QSFP-DD to OSFP-RHS, 1m-7m	
XXX=010, 020, 030, 050, 070	XXX: 010=1m, 020=2m, 030=3m, 050=5m, 070=7m	
E-50-QD-Q-XXXB	400Gb/s, 8x50Gb/s Gearbox to 4x 100Gb/s, QSFP-DD to QSFP112, 1m-7m	
XXX=010, 020, 030, 050, 070	XXX: 010=1m, 020=2m, 030=3m, 050=5m, 070=7m	
E-50-O-OR4-XXXB	400Gb/s, 8x50Gb/s Gearbox to 4x 100Gb/s, OSFP-DD to OSFP-RHS, 1m-7m	
XXX=010, 020, 030, 050, 070	XXX: 010=1m, 020=2m, 030=3m, 050=5m, 070=7m	
E-50-O-Q-XXXB	400Gb/s, 8x50Gb/s Gearbox to 4x 100Gb/s, OSFP to QSFP112, 1m-7m	
XXX=010, 020, 030, 050, 070	XXX: 010=1m, 020=2m, 030=3m, 050=5m, 070=7m	

Active Optical Cable

AOC		
Model Number	Nvidia Part Number	Description
OL-100-QD-QD-XXX	-	800Gb/s, QSFP-DD to QSFP-DD, LPO, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	-	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
OL-100-QD-2Q-XXX	-	Active optical splitter cable, 800Gb/s to 2x400Gb/s, QSFP-DD to 2xQSFP112, LPO, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	-	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
OL-100-Q-Q-XXX	-	400Gb/s, QSFP112 to QSFP112, LPO, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	-	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
OL-100-Q-2Q-XXX	-	Active optical splitter cable, 400Gb/s to 2x200Gb/s, QSFP112 to 2xQSFP112, LPO, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	-	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
OL-50-QD-QD-XXX	MFS1S00-VXXXE	400Gb/s, QSFP-DD to QSFP-DD, LPO, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	XXX=003, 005, 010, 015, 020, 030, 050, 100	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
OL-50-QD-2Q-XXX	MFS1S50-VXXXE	Active optical splitter cable, 400Gb/s to 2x200Gb/s, QSFP-DD to 2xQSFP56, LPO, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	XXX=003, 005, 010, 015, 020, 030, 050, 100	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
O-50-QD-QD-XXX	-	400Gb/s, QSFP-DD to QSFP-DD, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	-	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
O-50-QD-2Q-XXX	-	Active optical splitter cable, 400Gb/s to 2x200Gb/s, QSFP-DD to 2xQSFP56, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	-	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
OL-50-Q-Q-XXX	MFS1S00-VXXXE	200Gb/s, QSFP56 to QSFP56, LPO, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	XXX=003, 005, 010, 015, 020, 030, 050, 100	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
OL-50-Q-2Q-XXX	MFS1S50-VXXXE	Active optical splitter cable, 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, LPO, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	XXX=003, 005, 010, 015, 020, 030, 050, 100	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
OL-50-O-2Q-XXX	MFA7U10-HXXX	Active optical splitter cable, 2x4x50Gb/s to Dual 4x50Gb/s, OSFP finned top to 2xQSFP56, LPO, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	XXX=003, 005, 010, 015, 020, 030, 050, 100	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
O-25-QD-QD-XXX	-	200Gb/s, NRZ 8x25Gb/s, QSFP-DD to QSFP-DD, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	-	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m
O-25-QD-2Q-XXX	-	Active optical splitter cable, 200Gb/s to 2x100Gb/s, NRZ 8x25Gb/s, QSFP-DD to 2xQSFP56, 3m-100m
XXX=030, 050, 100, 150, 200, 300, 500, 1000	-	XXX: 030=3m, 050=5.0m, 100=10m, 150=15m, 200=20m, 300=30m, 500=50m, 1000=100m