



Tested Cables and Transceivers for Blade Switches

Cables and transceivers that have been tested by the Supermicro lab and confirmed to operate reliably with the respective blade switch are listed below. Other third-party cables and transceivers from reputable suppliers *should* work, but we cannot assure that they will. If there is a concern about a particular third-party cable or transceiver, please contact your Supermicro sales representative for assistance.

Blade Switch Model	Part Number	Description	Length
MBM-GEM-004	CBL-NTWK-0525	Ethernet, 10GbE/SFP+ to SFP+, 30AWG	3M
	AOM-AQS-107-B0C2-CX	Ethernet TXCVR, SFP+ to RJ45, 10GBASE-T, Cat6, 30 meters	
	AOC-E10GSFPLR	Ethernet TXCVR, SFP+ LR Optics, 10GBASE-LR	
MBM-XEM-002 / MBM-XEM-002+	CBL-0347L	Ethernet, 10GbE/SFP+ to SFP+, passive, 30 AWG	1M
	CBL-NTWK-0422-01	Ethernet, QSFP, 40GbE, passive, 26AWG	5M
	CBL-NTWK-0456	Ethernet, 10GbE/SFP+ to SFP+, passive, push, 30AWG	2M
	CBL-0348L	Ethernet, 10GbE/SFP+ to SFP+, passive, 30 AWG	3M
	CBL-0349L	Ethernet, 10GbE/SFP+ to SFP+, passive, 24 AWG	5M
	CBL-NTWK-0720	Ethernet, 40GbE/QSFP+ to 4x 10GbE/SFP+, passive, 30 AWG	3M
	CBL-NTWK-0721	Ethernet, 40GbE/QSFP+ to 4x 10GbE/SFP+, passive, 25AWG	5M (split)
	CBL-NTWK-0525	Ethernet, 10GbE/SFP+ to SFP+, 30AWG	3M
	AOC-E10GSFPSR	Ethernet TXCVR, SFP+, 1GBASE-SX, 10GBASE-SR, 850NM, MMF, LC	
	AOM-AQS-107-B0C2-CX	Ethernet TXCVR, SFP+ to RJ45, 10GBASE-T, Cat6, 30 meters	
	TRX-10GSFP-RJ45	Ethernet TXCVR, SFP+ to RJ45, 10GBASE-T, Cat6, 30 meters	
	AOM-TQSFP-79EQDZ-AVG	Ethernet TXCVR, QSFP+ SR4, 40GbE	
	AOC-E10GSFPLR	Ethernet TXCVR, SFP+ LR Optics, 10GBASE-LR	
	AOM-TSR-FS	Ethernet TXCVR, SFP+, 1GBASE-SX, 10GBASE-SR/SW, 850nm, MMF, LC	
	MBM-XEM-100	CBL-NTWK-0942-MQ28C10M	Ethernet QSFP28, 100GbE, passive, LSZH
CBL-NTWK-0942-MQ28C15M		Ethernet QSFP28, 100GbE, passive, LSZH	1.5M
CBL-NTWK-0942-MQ28C20M		Ethernet QSFP28, 100GbE, passive, LSZH	2M
CBL-NTWK-0942-MQ28C30M		Ethernet QSFP28, 100GbE, passive, LSZH	3M
CBL-NTWK-0943-SQ28C50M		Ethernet QSFP28, 100GbE, passive, LSZH	5M
AOM-MMA1B00-C100D-MLN		Ethernet TXCVR, QSFP28, 100GBASE-SR4, 850nm	



Blade Switch Model	Part Number	Description	Length
	CBL-NTWK-0988-Q28M1	Ethernet, 100GbE/QSFP28 to 4x 25GbE/SFP28, PASSIVE, 30AWG	1M (split)
	CBL-NTWK-0988-Q28M2	Ethernet,100GbE/QSFP28 to 4x 25GbE/SFP28, PASSIVE, 30AWG	2M (split)
	CBL-NTWK-0988-Q28M3	Ethernet,100GbE/QSFP28 to 4x 25GbE/SFP28, PASSIVE, 30AWG	3M (split)
	CBL-NTWK-0988-Q28M5	Ethernet 100GbE/QSFP28 to 4x, 25GbE/SFP28, passive, 26AWG	5M (split)
	AOM-TQSFP-79EQDZ-AVG	Ethernet TXCVR, QSFP+ SR4, 40GbE	
	TRX-100GBE-SR4-FIN	Ethernet TXCVR, QSFP28, 100GBASE-SR4, 850nm, MMF, MPO	
SBM-25G-100	CBL-NTWK-0942-MQ28C30M	Ethernet QSFP28, 100GbE, passive, LSZH	3M
	CBL-NTWK-0943-SQ28C50M	Ethernet QSFP28, 100GbE, passive, LSZH	5M
	AOM-MMA1B00-C100D-MLN	Ethernet TXCVR, QSFP28, 100GBASE-SR4, 850nm	
	CBL-NTWK-0988-Q28M1	Ethernet, 100GbE/QSFP28 to 4x 25GbE/SFP28, PASSIVE, 1M, 30AWG	1M (split)
	CBL-NTWK-0988-Q28M2	Ethernet,100GbE/QSFP28 to 4x 25GbE/SFP28, PASSIVE, 2M, 30AWG	2M (split)
	CBL-NTWK-0988-Q28M3	Ethernet,100GbE/QSFP28 to 4x 25GbE/SFP28, PASSIVE, 3M, 30AWG	3M (split)
	CBL-NTWK-0988-Q28M5	Ethernet 100GbE/QSFP28 to 4x, 25GbE/SFP28, passive, 26AWG	5M (split)
	CBL-QSFP28AOC-5M-CO	Ethernet,100GbE QSFP28, fiber, active, PULL	5M
	CBL-QSFP28AOC-3M-CO	Ethernet,100GbE QSFP28, fiber, active, PULL	3M
	AOM-TQSFP-79EQDZ-AVG	Ethernet TXCVR, QSFP+ SR4, 40GbE	
	TRX-100GBE-SR4-FIN	Ethernet TXCVR, QSFP28, 100GBASE-SR4, 850nm, MMF, MPO	
SBM-GEM-X4S	CBL-0349L	Ethernet, 10GbE/SFP+ to SFP+, passive, 24 AWG	5M
	CBL-NTWK-0609	RJ45 CAT6A, 550Mhz, 24AWG	15 FT
SBM-XEM-X8SM	CBL-0347L	Ethernet, 10GbE/SFP+ to SFP+, passive, 30 AWG	1M
	CBL-NTWK-0456	Ethernet, 10GbE/SFP+ to SFP+, passive, push, 30 AWG	2M
	CBL-0348L	Ethernet, 10GbE/SFP+ to SFP+, passive, 30 AWG	3M
	CBL-0349L	Ethernet, 10GbE/SFP+ to SFP+, passive, 24 AWG	5M
	AOM-AQS-107-B0C2-CX	Ethernet TXCVR, SFP+ to RJ45, 10GBASE-T, Cat6, 30 meters	
SBM-IBS-H4020	CBL-NTWK-0643	INFINIBAND, QSFP56, 200G, PASSIVE, PULL, 26AWG	2M
	CBL-MCP7H50-H002R26	INFINIBAND, QSFP56,HDR 200G to 2x100G, 26AWG	2M



Blade Switch Model	Part Number	Description	Length
	CBL-MFS1S00H10-MT037	INFINIBAND, QSFP56, 200G, ACTIVE OPTICAL, OEM part	10M
	CBL-QSFP56AOC-20M	INFINIBAND, QSFP56, 200G, ACTIVE OPTICAL	20M
	MMA1T00	HS Optical Transceiver HDR QSFP56 MPO, 850nm SR4 up to 100m	
SBM-IBS-E3616	CBL-NTWK-0942-MQ28E10M	InfiniBand, EDR, QSFP28, 100GbE, passive, LSZH	1M
	CBL-NTWK-0942-MQ28E15M	InfiniBand, EDR, QSFP28, 100GbE, passive, LSZH	1.5M
	CBL-NTWK-0942-MQ28E20M	InfiniBand, EDR, QSFP28, 100GbE, passive, LSZH	2M
	CBL-NTWK-0942-MQ28E30M	InfiniBand, EDR, QSFP28, 100GbE, passive, LSZH	3M
	CBL-NTWK-0942-MQ28E50M	InfiniBand, EDR, QSFP28, 100GbE, passive, LSZH	5M
SBM-OPA-C4020	CBL-NTWK-0892-OPC05	Omni-Path, QSFP28, passive copper cable	.5M
	CBL-NTWK-0892-OPC10	Omni-Path, QSFP28, passive copper cable	1M
	CBL-NTWK-0892-OPC15	Omni-Path, QSFP28, passive copper cable	1.5M
	CBL-NTWK-0892-OPC20	Omni-Path, QSFP28, passive copper cable	2M
	CBL-NTWK-0892-OPC30	Omni-Path, QSFP28, passive copper cable	3M
	CBL-NTWK-0892-OPF30L	Omni-Path, QSFP28, active fiber cable	3M
	CBL-NTWK-0892-OPF50L	Omni-Path, QSFP28, active fiber cable	5M
SBM-25G-P10 / MBM-25G-P20	CBL-NTWK-0988-Q28M1	Ethernet, 100GbE/QSFP28 to 4x 25GbE/SFP28, PASSIVE, 1M, 30AWG	1M (split)
	CBL-NTWK-0988-Q28M2	Ethernet,100GbE/QSFP28 to 4x 25GbE/SFP28, PASSIVE, 2M, 30AWG	2M (split)
	CBL-NTWK-0988-Q28M3	Ethernet,100GbE/QSFP28 to 4x 25GbE/SFP28, PASSIVE, 3M, 30AWG	3M (split)
	CBL-NTWK-0988-Q28M5	Ethernet 100GbE/QSFP28 to 4x 25GbE/SFP28, passive, 26AWG	5M (split)
	CBL-NTWK-0721	Ethernet, 40GbE/QSFP+ to 4x 10GbE/SFP+, passive, 25AWG	5M (split)
	CBL-NTWK-0942-MQ28C30M	Ethernet QSFP28, 100GbE, passive, LSZH	3M
	CBL-NTWK-0943-SQ28C50M	Ethernet QSFP28, 100GbE, passive, LSZH	5M
	CBL-NTWK-0942-MQ28E50M	InfiniBand, EDR, QSFP28, 100GbE, passive, LSZH	5M
	CBL-NTWK-0422-01	Ethernet, QSFP, 40GbE, passive, 26AWG	5M
	MFA1A00-E030	InfiniBand, EDR, 100GbE, QSFP28, Fiber, Active, Pull, 30M, Mellanox	30M
	MFA1A00-C005	Ethernet, 100GbE QSFP28, Fiber, Active, Pull, Mellanox	5M
	TRX-100GbE-SR4-FIN	Ethernet TXCVR, QSFP28, 100GBASE-SR4, 850nm, MMF, MPO	



Blade Switch Model	Part Number	Description	Length
	QSFP-40G-UNIV	Ethernet TXCVR, QSFP+, 40GBASE, 1310nm, Arista	
SBM-25G-200	CBL-NTWK-0942-MQ28C10M	Ethernet, QSFP28, 100GbE, PASSIVE, LSZH, Mellanox	1M
	CBL-NTWK-0942-MQ28C15M	Ethernet, QSFP28, 100GbE, PASSIVE, LSZH, Mellanox	1.5M
	CBL-NTWK-0942-MQ28C30M	Ethernet, QSFP28, 100GbE, PASSIVE, LSZH, Mellanox	3M
	CBL-NTWK-0943-SQ28C10M	Ethernet, QSFP28, 100GbE, PASSIVE, PULL, TWINAX, 30AWG	1M
	CBL-NTWK-0943-SQ28C30M	Ethernet, QSFP28, 100GbE, PASSIVE, LSZH, Molex	3M
	CBL-NTWK-0943-SQ28C50M	Ethernet, QSFP28, 100GbE, PASSIVE, PULL, TWINAX, 26AWG	5M
	CBL-NTWK-0422-01	40G 5M INFINIBAND QSFP TO QSFP QDR with EEPROM, 26AWG	5M
	CBL-NTWK-0988-Q28M1	Ethernet, 100GbE/QSFP28 to 4x, 25GbE/SFP28, PASSIVE, 30AWG	1M
	CBL-NTWK-0988-Q28M2	Ethernet, 100GbE/QSFP28 to 4x, 25GbE/SFP28, PASSIVE, 30AWG	2M
	CBL-NTWK-0988-Q28M3	Ethernet, 100GbE/QSFP28 to 4x, 25GbE/SFP28, PASSIVE, 30AWG	3M
	CBL-NTWK-0988-Q28M5	Ethernet, 100GbE/QSFP28 to 4x, 25GbE/SFP28, PASSIVE, 26AWG	5M
	CBL-NTWK-0720	Ethernet, 40GbE/QSFP to 4x 10GbE/SFP+, PASSIVE, 30AWG	3M
	CBL-NTWK-0721	Ethernet, 40GbE/QSFP to 4x 10GbE/SFP+, PASSIVE, 25AWG	5M
	CBL-QSFP28AOC-5M-CO	Ethernet, 100GbE QSFP28, FIBER, ACTIVE, PULL, Mellanox	5M
	CBL-QSFP28AOC-30M-EO	IB, EDR, 100GbE QSFP+, FIBER, ACTIVE, PULL, Mellanox, 30M	30M
	AOM-40GBE-SR4E-MLX	Mellanox optical module, 40Gb/s, QSFP, MPO, 850nm, up to 300M	300M
	TRX-QSFP28-100G-CWDM4	TXCVR, QSFP28, 100GBASE, CWDM4, MSA, 1310nm, LC-LC	
	AOM-MMA1B00-C100D-MLN	Optical TXCVR, QSFP28, 100GBASE-SR4, 850nm, to 100M, DDM, MMF	
	TRX-100GBE-SR4-FIN	Ethernet TXCVR, QSFP28, 100GBASE-SR4, 850nm, MMF, MPO	
	TRX-100G-SR4-FIN-2	QSFP28 100GBASE-SR4 TXCVR Transceiver, 850nm, to 100m, MPO, MMF	