

Part Number	Description	Technology	Operating System	Max Speed	Connector Type	Ports	Support Required	ECCN
Ethernet SN4000 Series Switches - Ideal Data Center Switches for Cloud, Ethernet Storage Fabrics, and Machine Learning Solutions								
MSN4600-CS2F	NVIDIA MSN4600-CS2F Spectrum-3 100GbE 2U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28	64x 100GbE	Recommended	5A991
MSN4600-CS2R	NVIDIA MSN4600-CS2R Spectrum-3 100GbE 2U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28	64x 100GbE	Recommended	5A991
MSN4600-CS2FC	NVIDIA MSN4600-CS2FC Spectrum-3 100GbE 2U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28	64x 100GbE	Required	5A991
MSN4600-CS2RC	NVIDIA MSN4600-CS2RC Spectrum-3 100GbE 2U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28	64x 100GbE	Required	5A991
MSN4600-CS2FO	NVIDIA MSN4600-CS2FO Spectrum-3 100GbE 2U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28	64x 100GbE	Recommended	5A991
MSN4600-CS2RO	NVIDIA MSN4600-CS2RO Spectrum-3 100GbE 2U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28	64x 100GbE	Recommended	5A991
MSN4700-WS2F	NVIDIA MSN4700-WS2F Spectrum-3 400GbE 1U Open Ethernet Switch	Ethernet	Onyx	400GbE	QSFPDD	32x 400GbE	Recommended	5A991
MSN4700-WS2FC	NVIDIA MSN4700-WS2FC Spectrum-3 400GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	400GbE	QSFPDD	32x 400GbE	Required	5A991
MSN4700-WS2FO	NVIDIA MSN4700-WS2FO Spectrum-3 400GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	400GbE	QSFPDD	32x 400GbE	Recommended	5A991
MSN4700-WS2R	NVIDIA MSN4700-WS2R Spectrum-3 400GbE 1U Open Ethernet Switch	Ethernet	Onyx	400GbE	QSFPDD	32x 400GbE	Recommended	5A991
MSN4700-WS2RC	NVIDIA MSN4700-WS2RC Spectrum-3 400GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	400GbE	QSFPDD	32x 400GbE	Required	5A991
MSN4700-WS2RO	NVIDIA MSN4700-WS2RO Spectrum-3 400GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	400GbE	QSFPDD	32x 400GbE	Recommended	5A991
Ethernet SN3000 Series Switches - Industry Leading Data Center Focused Features, Performance, Scalability and Visibility								
MSN3700-CS2F	NVIDIA MSN3700-CS2F Spectrum-2 100GbE 1U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28	32x 100GbE	Recommended	5A991
MSN3700-CS2R	NVIDIA MSN3700-CS2R Spectrum-2 100GbE 1U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28	32x 100GbE	Recommended	5A991
MSN3700-VS2F	NVIDIA MSN3700-VS2F Spectrum-2 200GbE 1U Open Ethernet Switch	Ethernet	Onyx	200GbE	QSFP56	32x 200GbE	Recommended	5A991
MSN3700-VS2R	NVIDIA MSN3700-VS2R Spectrum-2 200GbE 1U Open Ethernet Switch	Ethernet	Onyx	200GbE	QSFP56	32x 200GbE	Recommended	5A991
MSN3700-CS2FC	NVIDIA MSN3700-CS2FC Spectrum-2 100GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28	32x 100GbE	Required	5A991
MSN3700-CS2RC	NVIDIA MSN3700-CS2RC Spectrum-2 100GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28	32x 100GbE	Required	5A991
MSN3700-VS2FC	NVIDIA MSN3700-VS2FC Spectrum-2 200GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	200GbE	QSFP56	32x 200GbE	Required	5A991
MSN3700-VS2RC	NVIDIA MSN3700-VS2RC Spectrum-2 200GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	200GbE	QSFP56	32x 200GbE	Required	5A991
MSN3700-CS2FO	NVIDIA MSN3700-CS2FO Spectrum-2 100GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28	32x 100GbE	Recommended	5A991
MSN3700-CS2RO	NVIDIA MSN3700-CS2RO Spectrum-2 100GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28	32x 100GbE	Recommended	5A991

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Ethernet SN3000 Series Switches - Industry Leading Data Center Focused Features, Performance, Scalability and Visibility								
MSN3700-VS2FO	NVIDIA MSN3700-VS2FO Spectrum-2 200GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	200GbE	QSFP56	32x 200GbE	Recommended	5A991
MSN3700-VS2RO	NVIDIA MSN3700-VS2RO Spectrum-2 200GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	200GbE	QSFP56	32x 200GbE	Recommended	5A991
MSN3420-CB2F	NVIDIA MSN3420-CB2F Spectrum-2 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28 SFP28	48x 25GbE 12x 100GbE	Recommended	5A991
MSN3420-CB2R	NVIDIA MSN3420-CB2R Spectrum-2 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28 SFP28	48x 25GbE 12x 100GbE	Recommended	5A991
MSN3420-CB2FC	NVIDIA MSN3420-CB2FC Spectrum-2 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28 SFP28	48x 25GbE 12x 100GbE	Required	5A991
MSN3420-CB2RC	NVIDIA MSN3420-CB2RC Spectrum-2 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28 SFP28	48x 25GbE 12x 100GbE	Required	5A991
MSN3420-CB2FO	NVIDIA MSN3420-CB2FO Spectrum-2 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28 SFP28	48x 25GbE 12x 100GbE	Recommended	5A991
MSN3420-CB2RO	NVIDIA MSN3420-CB2RO Spectrum-2 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28 SFP28	48x 25GbE 12x 100GbE	Recommended	5A991
Ethernet SN2000 Series Switches - Ideal for Leaf and Spine Data Center Solutions								
MSN2010-CB2F	NVIDIA MSN2010-CB2F Spectrum 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28 SPF28	18x 25GbE 4x 100GbE	Recommended	5A991
MSN2010-CB2R	NVIDIA MSN2010-CB2R Spectrum 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28 SPF28	18x 25GbE 4x 100GbE	Recommended	5A991
MSN2100-BB2F	NVIDIA MSN2100-BB2F Spectrum 40GbE 1U Open Ethernet Switch	Ethernet	Onyx	40GbE	QSFP28	16x 40GbE	Recommended	5A991
MSN2100-BB2R	NVIDIA MSN2100-BB2R Spectrum 40GbE 1U Open Ethernet Switch	Ethernet	Onyx	40GbE	QSFP28	16x 40GbE	Recommended	5A991
MSN2010-CB2FC	NVIDIA MSN2010-CB2FC Spectrum 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28 SPF28	18x 25GbE 4x 100GbE	Required	5A991
MSN2100-CB2RC	NVIDIA MSN2100-CB2RC Spectrum 100GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28	16x 100GbE	Required	5A991
MSN2100-BB2FC	NVIDIA MSN2100-BB2FC Spectrum 40GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	40GbE	QSFP28	16x 40GbE	Required	5A991
MSN2100-BB2RC	NVIDIA MSN2100-BB2RC Spectrum 40GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	40GbE	QSFP28	16x 40GbE	Required	5A991
MSN2100-CB2FO	NVIDIA MSN2100-CB2FO Spectrum 100GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28	16x 100GbE	Recommended	5A991
MSN2100-CB2RO	NVIDIA MSN2100-CB2RO Spectrum 100GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28	16x 100GbE	Recommended	5A991

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Part Number	Description	Technology	Operating System	Max Speed	Connector Type	Ports	Support Required	ECCN
Ethernet SN2000 Series Switches - Ideal for Leaf and Spine Data Center Solutions								
MSN2100-BB2FO	NVIDIA MSN2100-BB2FO Spectrum 40GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	40GbE	QSFP28	16x 40GbE	Recommended	5A991
MSN2100-BB2RO	NVIDIA MSN2100-BB2RO Spectrum 40GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	40GbE	QSFP28	16x 40GbE	Recommended	5A991
Recommended Support by Ethernet Switch SN4000/SN3000/SN2000 Series Part Numbers								
1 to 5 Year Silver Support available. See NVIDIA Networking Service and Support line card for details.								
Rack Mount Kits								
NVIDIA MTEF-KIT-J	Rack Fixed Mounting Kit for SN3700 SN3700C SN3800 SN4600 SN4600C	-	-	-	-	-	-	-
NVIDIA MTEF-KIT-D	Rack Fixed Mounting Kit for SN2100 SN2010	-	-	-	-	-	-	-
NVIDIA MTEF-KIT-E	Rack Fixed Mounting Kit for SN2100 SN2010	-	-	-	-	-	-	-
NVIDIA MTEF-KIT-B	Rack Installation Kit for MSNxx Series Short Depth	-	-	-	-	-	-	-

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Part Number	Description	Technology	Max Speed	Connector Type	Ports	Support Required	ECCN
InfiniBand CS8500 800 Port InfiniBand Chassis Switch - Fastest Interconnect Speed for High Performance Computing and Cloud Infrastructures							
MCS8500	NVIDIA MCS8500 320Tb/s 800-Port HDR InfiniBand Chassis	InfiniBand	HDR	QSFP56	800	Required	5A991
InfiniBand CS8500 - Accessory Products							
AHX-22KW-350MM	NVIDIA AHX-22KW-350MM MCS85xx Liquid-to-Air Heat Exchanger	-	-	-	-	-	-
900-00796	NVIDIA 900-00796 MCS85xx Liquid-to-Liquid CDU	-	-	-	-	-	-
MTDF-MTN-A	NVIDIA MTDF-MTN-A MCS85xx Director Systems Maintenance Equipment Kit	-	-	-	-	-	-
MTDF-LCD-A	NVIDIA MTDF-LCD-A MCS85xx Director Systems 7" LCD Screen Tablet	-	-	-	-	-	-
MTDF-CP-B	NVIDIA MTDF-CP-B MCS85XX Director System Cable Supporter	-	-	-	-	-	-
MTDF-KIT-C	NVIDIA MTDF-KIT-C MCS85XX Systems Rail Kit	-	-	-	-	-	-
MTDF-CH-D	NVIDIA MTDF-CH-D MCS85XX Cable Holder	-	-	-	-	-	-
MTDF-LIQ-B	NVIDIA MTDF-LIQ-B MCS85xx Director Chassis 19 Liters PG25 Coolant	-	-	-	-	-	-
MTDF-LIQ-A	NVIDIA MTDF-LIQ-A MCS85xx Director Chassis Water Cooling Set	-	-	-	-	-	-
MQM8520-H	NVIDIA MQM8520-H Quantum HDR InfiniBand Spine Blade	-	-	-	-	-	-
MQM8510-H	NVIDIA MQM8510-H Quantum HDR InfiniBand Leaf Blade	-	-	-	-	-	-
MMB8500	NVIDIA MMB8500 X86 Dual-Core Chassis Management Module	-	-	-	-	-	-
InfiniBand CS7500 648 Port Infiniband Chassis Switch - Highest Performing Fabric Solution in a 28U Form Factor							
MCS7500	NVIDIA MCS7500 130Tb/s 648-Port EDR InfiniBand Chassis Switch	InfiniBand	EDR	QSFP28	648	Required	5A991
InfiniBand CS7500 324 Port Infiniband Chassis Switch - Highest Performing Fabric Solution in a 16U Form Factor							
MCS7510	NVIDIA MCS7510 65Tb/s 324-Port EDR InfiniBand Chassis Switch	InfiniBand	EDR	QSFP28	324	Required	-
InfiniBand CS7520 216 Port Infiniband Chassis Switch - Highest Performing Fabric Solution in a 12U Form Factor							
MCS7520	NVIDIA MCS7520 43Tb/s 216-Port EDR InfiniBand Chassis Switch	InfiniBand	EDR	QSFP28	216	Required	5A991

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Part Number	Description	Technology	Max Speed	Connector Type	Ports	Support Required	ECCN
InfiniBand 8700 Series Quantum HDR InfiniBand Switches							
MQM8700-HS2F	NVIDIA MQM8700-HS2F Quantum HDR InfiniBand Switch	InfiniBand	HDR	QSFP56	40	Required	5A991
MQM8700-HS2R	NVIDIA MQM8700-HS2R Quantum HDR InfiniBand Switch	InfiniBand	HDR	QSFP56	40	Required	5A991
MQM8790-HS2F	NVIDIA MQM8790-HS2F Quantum HDR InfiniBand Switch	InfiniBand	HDR	QSFP56	40	Required	5A991
MQM8790-HS2R	NVIDIA MQM8790-HS2R Quantum HDR InfiniBand Switch	InfiniBand	HDR	QSFP56	40	Required	5A991
InfiniBand 7800 Series EDR InfiniBand Switches							
MSB7800-ES2F	NVIDIA MSB7800-ES2F Switch-IB 2 Based EDR InfiniBand 1U Switch	InfiniBand	EDR	QSFP28	36	Required	5A991
MSB7890-ES2F	NVIDIA MSB7890-ES2F Switch-IB 2 Based EDR InfiniBand 1U Switch	InfiniBand	EDR	QSFP28	36	Required	5A991
MSB7800-ES2R	NVIDIA MSB7800-ES2R Switch-IB 2 Based EDR InfiniBand 1U Switch	InfiniBand	EDR	QSFP28	36	Required	5A991
MSB7890-ES2R	NVIDIA MSB7890-ES2R Switch-IB 2 Based EDR InfiniBand 1U Switch	InfiniBand	EDR	QSFP28	36	Required	5A991
InfiniBand 7700 Series EDR InfiniBand Router							
MSB7780-ES2F	NVIDIA MSB7780-ES2F Switch-IB Based EDR InfiniBand 1U Router	InfiniBand	EDR	QSFP28	36	Required	5A991
MSB7780-ES2R	NVIDIA MSB7780-ES2R Switch-IB Based EDR InfiniBand 1U Router	InfiniBand	EDR	QSFP28	36	Required	5A991
InfiniBand to Ethernet Gateways							
MSX6710G-FS2F2	NVIDIA MSX6710G-FS2F2 SwitchX-2 InfiniBand to Ethernet Gateway	InfiniBand	FDR 40GbE	QSFP+	36	Recommended	5A991
MSX6710G-FS2R2	NVIDIA MSX6710G-FS2R2 SwitchX-2 InfiniBand to Ethernet Gateway	InfiniBand	FDR 40GbE	QSFP+	36	Recommended	5A991
Required Support InfiniBand CS8500/CS7500/CS7520							
1 to 5 Year Silver Support available. See NVIDIA Networking Service and Support line card for details.							
Required Support InfiniBand 8700 Series Quantum Switches							
1 to 5 Year Silver Support available. See NVIDIA Networking Service and Support line card for details.							
Required Support InfiniBand 7800/7890 Series Switches							
SUP-SB7800-1S	1 to 5 Year Silver Support available. See NVIDIA Networking Service and Support line card for details.						

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InfiniBand Switches Linecard

Part Number	Description	Technology	Max Speed	Connector Type	Ports	Support Required	ECCN
Required Support InfiniBand 7700 Series Routers							
SUP-SB7780-1S	1 to 5 Year Silver Support available. See NVIDIA Networking Service and Support line card for details .						
Recommended Support InfiniBand to Ethernet Gateways							
SUP-SX6710G-1S	1 to 5 Year Silver Support available. See NVIDIA Networking Service and Support line card for details .						

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DPU and ConnectX-6 SmartNIC Adapters Linecard

Part Number	Description	Technology	Max Speed	Connector Type	Ports	PCIe (Optional)	Support Required	ECCN
BlueField DPUs								
MBF1M332A-AECAT	NVIDIA MBF1M332A-AECAT BlueField SmartNIC DPU 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 or 4 x16 x8	Required	5A002.a
MBF1M332A-AENAT	NVIDIA MBF1M332A-AENAT BlueField SmartNIC DPU 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 or 4 x16 x8	Required	5A991
MBF1M332A-ASCAT	NVIDIA MBF1M332A-ASCAT BlueField SmartNIC DPU 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 or 4 x16 x8	Required	5A002.a
MBF1M332A-ASNAT	NVIDIA MBF1M332A-ASNAT BlueField SmartNIC DPU 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 or 4 x16 x8	Required	5A991
MBF1L516B-CSNAT	NVIDIA MBF1L516B-CSNAT BlueField SmartNIC DPU 100GbE	Ethernet	100GbE	QSFP28	Dual	Gen 3 or 4 x16 x8	Required	5A991
MBF1L516A-CSNAT	NVIDIA MBF1L516A-CSNAT BlueField SmartNIC DPU 100GbE	Ethernet	100GbE	QSFP28	Dual	Gen 3 or 4 x16 x8	Required	5A991
MBF1L516A-CSCAT	NVIDIA MBF1L516A-CSCAT BlueField SmartNIC DPU 100GbE	Ethernet	100GbE	QSFP28	Dual	Gen 3 or 4 x16 x8	Required	5A002.a
BlueField-2 DPUs								
MBF2H322A-AECOT	NVIDIA MBF2H322A-AECOT BlueField-2 SmartNIC P-Series DPU 25GbE	Ethernet	25GbE	SFP56	Dual	Gen 4 x16 x8	Required	5A002.a
MBF2H322A-AEEOT	NVIDIA MBF2H322A-AEEOT BlueField-2 SmartNIC P-Series DPU 25GbE	Ethernet	25GbE	SFP56	Dual	Gen 4 x16 x8	Required	5A002.a.1
MBF2H322A-AENET	NVIDIA MBF2H322A-AENET BlueField-2 SmartNIC P-Series DPU 25GbE	Ethernet	25GbE	SFP56	Dual	Gen 4 x16 x8	Required	5A991
MBF2H332A-AECOT	NVIDIA MBF2H332A-AECOT BlueField-2 SmartNIC P-Series DPU 25GbE	Ethernet	25GbE	SFP56	Dual	Gen 4 x16 x8	Required	5A002.a
MBF2H332A-AEEOT	NVIDIA MBF2H332A-AEEOT BlueField-2 SmartNIC P-Series DPU 25GbE	Ethernet	25GbE	SFP56	Dual	Gen 4 x16 x8	Required	5A002.a
MBF2H332A-AENOT	NVIDIA MBF2H332A-AENOT BlueField-2 SmartNIC P-Series DPU 25GbE	Ethernet	25GbE	SFP56	Dual	Gen 4 x16 x8	Required	5A991
MBF2H516A-CEEOT	NVIDIA MBF2H516A-CEEOT BlueField-2 SmartNIC P-Series DPU 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 4 x16 x8	Required	5A002.a
MBF2M322A-AECOT	NVIDIA MBF2M322A-AECOT BlueField-2 SmartNIC E-Series DPU 25GbE	Ethernet	25GbE	SFP56	Dual	Gen 4 x16 x8	Required	5A002.a
MBF2M322A-AEEOT	NVIDIA MBF2M322A-AEEOT BlueField-2 SmartNIC E-Series DPU 25GbE	Ethernet	25GbE	SFP56	Dual	Gen 4 x16 x8	Required	5A002.a
MBF2M322A-AENET	NVIDIA MBF2M322A-AENET BlueField-2 SmartNIC E-Series DPU 25GbE	Ethernet	25GbE	SFP56	Dual	Gen 4 x16 x8	Required	5A991
MBF2M322A-AENOT	NVIDIA MBF2M322A-AENOT BlueField-2 SmartNIC E-Series DPU 25GbE	Ethernet	25GbE	SFP56	Dual	Gen 4 x16 x8	Required	5A991
MBF2M516A-CENOT	NVIDIA MBF2M516A-CENOT BlueField-2 SmartNIC E-Series DPU 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 4 x16 x8	Required	5A991
MBF2M516A-CEEOT	NVIDIA MBF2M516A-CEEOT BlueField-2 SmartNIC E-Series DPU 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 4 x16 x8	Required	5A002.a

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DPU and ConnectX-6 SmartNIC Adapters Linecard

Part Number	Description	Technology	Max Speed	Connector Type	Ports	PCIe (Optional)	Support Required	ECCN
BlueField-2 DPUs								
MBF2H516A-EEEOT	NVIDIA MBF2H516A-EEEOT BlueField-2 SmartNIC P-Series DPU 100GbE/EDR/HDR100	InfiniBand	100GbE EDR HDR100	QSFP56	Dual	Gen 4 x16 x8	Required	5A002.a
MBF2M516A-EEEOT	NVIDIA MBF2M516A-EEEOT BlueField-2 SmartNIC E-Series DPU 100GbE/EDR/HDR100	InfiniBand	100GbE EDR HDR100	QSFP56	Dual	Gen 4 x16 x8	Required	5A002.a
Required Support for BlueField and BlueField-2 DPUs								
1 to 5 Year Silver Support available. See NVIDIA Networking Service and Support line card for details.								
ConnectX-6 DX EN SmartNIC Adapters								
MCX623432AC-ADAB	NVIDIA MCX623432AC-ADAB ConnectX-6 Dx EN Adapter Card OCP3.0 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 or 4 x16	Recommended	5A002.a
MCX623432AE-ADAB	NVIDIA MCX623432AE-ADAB ConnectX-6 Dx EN Adapter Card OCP3.0 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 or 4 x16	Recommended	5A002.a
MCX623432AN-ADAB	NVIDIA MCX623432AN-ADAB ConnectX-6 Dx EN Adapter Card OCP3.0 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 or 4 x16	Recommended	5A002.a
MCX621102AE-ADAT	NVIDIA MCX621102AE-ADAT ConnectX-6 Dx EN Adapter Card 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 or 4 x16	Recommended	5A002.a
MCX621102AN-ADAT	NVIDIA MCX621102AN-ADAT ConnectX-6 Dx EN Adapter Card 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 or 4 x16	Recommended	5A991
MCX621102AN-ADAT	NVIDIA MCX621102AN-ADAT ConnectX-6 Dx EN Adapter Card 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 or 4 x16	Recommended	5A991
MCX621102AC-ADAT	NVIDIA MCX621102AC-ADAT ConnectX-6 Dx EN Adapter Card 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 or 4 x16	Recommended	5A002.a
MCX623102AN-ADAT	NVIDIA MCX623102AN-ADAT ConnectX-6 Dx EN Adapter Card 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 or 4 x16	Recommended	5A991
MCX623102AC-GDAT	NVIDIA MCX623102AC-GDAT ConnectX-6 Dx EN Adapter Card 50GbE	Ethernet	50GbE	SFP56	Dual	Gen 3 or 4 x16	Recommended	5A002.a
MCX623102AE-GDAT	NVIDIA MCX623102AE-GDAT ConnectX-6 Dx EN Adapter Card 50GbE	Ethernet	50GbE	SFP56	Dual	Gen 3 or 4 x16	Recommended	5A002
MCX623102AN-GDAT	NVIDIA MCX623102AN-GDAT ConnectX-6 Dx EN Adapter Card 50GbE	Ethernet	50GbE	SFP56	Dual	Gen 3 or 4 x16	Recommended	5A991
MCX623432AC-GDAB	NVIDIA MCX623432AC-GDAB ConnectX-6 Dx EN Adapter Card OCP3.0 50GbE	Ethernet	50GbE	SFP56	Dual	Gen 3 or 4 x16	Recommended	5A002.a
MCX623432AN-GDAB	NVIDIA MCX623432AN-GDAB ConnectX-6 Dx EN Adapter Card OCP3.0 50GbE	Ethernet	50GbE	SFP56	Dual	Gen 3 or 4 x16	Recommended	5A991
MCX623105AC-CDAT	NVIDIA MCX623105AC-CDAT ConnectX-6 Dx EN Adapter Card 100GbE	Ethernet	100GbE	QSFP56	Single	Gen 3 or 4 x16	Recommended	5A002.a
MCX623105AN-CDAT	NVIDIA MCX623105AN-CDAT ConnectX-6 Dx EN Adapter Card 100GbE	Ethernet	100GbE	QSFP56	Single	Gen 3 or 4 x16	Recommended	5A991
MCX623106AC-CDAT	NVIDIA MCX623106AC-CDAT ConnectX-6 Dx EN Adapter Card 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 3 or 4 x16	Recommended	5A002.a

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DPU and ConnectX-6 SmartNIC Adapters Linecard

Part Number	Description	Technology	Max Speed	Connector Type	Ports	PCIe (Optional)	Support Required	ECCN
ConnectX-6 DX EN SmartNIC Adapters								
MCX623106AE-CDAT	NVIDIA MCX623106AE-CDAT ConnectX-6 Dx EN Adapter Card 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 3 or 4 x16	Recommended	5A002.a
MCX623106AN-CDAT	NVIDIA MCX623106AN-CDAT ConnectX-6 Dx EN Adapter Card 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 3 or 4 x16	Recommended	5A991
MCX623106AS-CDAT	NVIDIA MCX623106AS-CDAT ConnectX-6 Dx EN Adapter Card 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 3 or 4 x16	Recommended	5A991
MCX623405AC-CDAN	NVIDIA MCX623405AC-CDAN ConnectX-6 Dx EN Adapter Card OCP2.0 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 3 or 4 x16	Recommended	5A002.a
MCX623405AN-CDAN	NVIDIA MCX623405AN-CDAN ConnectX-6 Dx EN Adapter Card OCP2.0 100GbE	Ethernet	100GbE	QSFP56	Single	Gen 3 or 4 x16	Recommended	5a991
MCX623435AC-CDAB	NVIDIA MCX623435AC-CDAB ConnectX-6 Dx EN Adapter Card OCP3.0 100GbE	Ethernet	100GbE	QSFP56	Single	Gen 3 or 4 x16	Recommended	5A002.a
MCX623435AE-CDAB	NVIDIA MCX623435AE-CDAB ConnectX-6 Dx EN Adapter Card OCP3.0 100GbE	Ethernet	100GbE	QSFP56	Single	Gen 3 or 4 x16	Recommended	5A002.a
MCX623435AN-CDAB	NVIDIA MCX623435AN-CDAB ConnectX-6 EN Adapter Card OCP3.0 100GbE	Ethernet	100GbE	QSFP56	Single	Gen 3 or 4 x16	Recommended	5A991
MCX623435MN-CDAB	NVIDIA MCX623435MN-CDAB ConnectX-6 Dx EN Adapter Card OCP3.0 100GbE	Ethernet	100GbE	QSFP56	Single	Gen 3 or 4 x16	Recommended	5A991
MCX623436AC-CDAB	NVIDIA MCX623436AC-CDAB ConnectX-6 Dx EN Adapter Card OCP3.0 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 3 or 4 x16	Recommended	5A002.a
MCX623436AE-CDAB	NVIDIA MCX623436AE-CDAB ConnectX-6 Dx EN Adapter Card OCP3.0 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 3 or 4 x16	Recommended	5A002.a
MCX623436AN-CDAB	NVIDIA MCX623436AN-CDAB ConnectX-6 Dx EN Adapter Card OCP3.0 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 3 or 4 x16	Recommended	5A991
MCX623106PN-CDAT	NVIDIA MCX623106PN-CDAT ConnectX-6 Dx EN Adapter Card 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 3 or 4 x16	Recommended	5A991
MCX623105AC-VDAT	NVIDIA MCX623105AC-VDAT ConnectX-6 Dx EN Adapter Card 200GbE	Ethernet	200GbE	QSFP56	Single	Gen 3 or 4 x16	Recommended	5A002.a
MCX623105AE-VDAT	NVIDIA MCX623105AE-VDAT ConnectX-6 Dx EN Adapter Card 200GbE	Ethernet	200GbE	QSFP56	Single	Gen 3 or 4 x16	Recommended	5A002.a
MCX623105AN-VDAT	NVIDIA MCX623105AN-VDAT ConnectX-6 Dx EN Adapter Card 200GbE	Ethernet	200GbE	QSFP56	Single	Gen 3 or 4 x16	Recommended	5A991
MCX623435AC-VDAB	NVIDIA MCX623435AC-VDAB ConnectX-6 Dx EN Adapter Card OCP3.0 200GbE	Ethernet	200GbE	QSFP56	Single	Gen 3 or 4 x16	Recommended	5A002.a
MCX623435AN-VDAB	NVIDIA MCX623435AN-VDAB ConnectX-6 Dx EN Adapter Card OCP3.0 200GbE	Ethernet	200GbE	QSFP56	Single	Gen 3 or 4 x16	Recommended	5A991
MCX614106A-CCAT	NVIDIA MCX614106A-CCAT ConnectX-6 EN Adapter Card 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 3 or 4 x16	Recommended	5A991
MCX614106A-CCAT	NVIDIA MCX614106A-CCAT ConnectX-6 EN Adapter Card 100GbE	Ethernet	100GbE	QSFP56	Dual	Gen 3 or 4 x16	Recommended	5A991
MCX614105A-VCAT	NVIDIA MCX614105A-VCAT ConnectX-6 EN Adapter Card 200GbE	Ethernet	200GbE	QSFP56	Single	Gen 3 or 4 x16	Recommended	5A991
MCX614106A-VCAT	NVIDIA MCX614106A-VCAT ConnectX-6 EN Adapter Card 200GbE	Ethernet	200GbE	QSFP56	Dual	Gen 3 or 4 x16	Recommended	5A991

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DPU and ConnectX-6 SmartNIC Adapters Linecard

Part Number	Description	Technology	Max Speed	Connector Type	Ports	PCIe (Optional)	Support Required	ECCN
ConnectX-6 VPI SmartNIC Adapters								
MCX654106A-HCAT	NVIDIA MCX654106A-HCAT ConnectX-6 VPI Adapter Card HDR/200GbE	InfiniBand	HDR 200GbE	QSFP56	Dual	Gen 3 or 4 x16	Required	5A991
MCX654106A-ECAT	NVIDIA MCX654106A-ECAT ConnectX-6 VPI Adapter Card HDR100/EDR/100GbE	InfiniBand	HDR 100 ECR IB 100GbE	QSFP56	Dual	Gen 3 or 4 x16	Required	5A991
MCX654105A-HCAT	NVIDIA MCX654105A-HCAT ConnectX-6 VPI Adapter Card HDR/200GbE	InfiniBand	HDR 200GbE	QSFP56	Dual	Gen 3 or 4 x16	Required	5A991
MCX653436A-HDAI	NVIDIA MCX653436A-HDAI ConnectX-6 VPI Adapter Card OCP3.0 HDR/200GbE	InfiniBand	HDR 200GbE	QSFP56	Dual	Gen 3 or 4 x16	Required	5A991
MCX653435A-HDAI	NVIDIA MCX653435A-HDAI ConnectX-6 VPI Adapter Card OCP3.0 HDR/200GbE	InfiniBand	HDR 200GbE	QSFP56	Single	Gen 3 or 4 x16	Required	5A991
MCX653435A-EDAI	NVIDIA MCX653435A-EDAI ConnectX-6 VPI Adapter Card OCP3.0 HDR100/EDR/100GbE	InfiniBand	HDR 100 ECR IB 100GbE	QSFP56	Single	Gen 3 or 4 x16	Required	5A991
MCX653106A-HDAT-SP	NVIDIA MCX653106A-HDAT-SP ConnectX-6 VPI Adapter Card HDR/200GbE	InfiniBand	HDR 200GbE	QSFP56	Dual	Gen 3 or 4 x16	Required	5A991
MCX653106A-EFAT	NVIDIA MCX653106A-EFAT ConnectX-6 VPI Adapter Card HDR100/EDR/100GbE	InfiniBand	HDR 100 ECR IB 100GbE	QSFP56	Dual	Gen 3 or 4 x16	Required	5A991
MCX653106A-ECAT-SP	NVIDIA MCX653106A-ECAT-SP ConnectX-6 VPI Adapter Card HDR100/EDR/100GbE	InfiniBand	HDR 100 ECR IB 100GbE	QSFP56	Dual	Gen 3 or 4 x16	Required	5A991
MCX653105A-HDAT-SP	NVIDIA MCX653105A-HDAT-SP ConnectX-6 VPI Adapter Card HDR/200GbE	InfiniBand	HDR 200GbE	QSFP56	Single	Gen 3 or 4 x16	Required	5A991
MCX653105A-EFAT	NVIDIA MCX653105A-EFAT ConnectX-6 VPI Adapter Card HDR100/EDR/100GbE	infiniBand	HDR 100 ECR IB 100GbE	QSFP56	Single	Gen 3 or 4 x16	Required	5A991
MCX653105A-ECAT-SP	NVIDIA MCX653105A-ECAT-SP ConnectX-6 VPI Adapter Card HDR100/EDR/100GbE	infiniBand	HDR 100 ECR IB 100GbE	QSFP56	Single	Gen 3 or 4 x16	Required	5A991

Required Support for ConnectX-6 VPI SmartNIC Adapters

1 to 5 Year Silver Support available. See [NVIDIA Networking Service and Support line card](#) for details.

Cables for ConnectX-6 DX EN and ConnectX-6 EN SmartNIC Adapters

See [NVIDIA LINKX, Ethernet Cables and Transceivers Linecard](#) for details.

Cables for ConnectX-6 VDI and ConnectX-6 VPI SmartNIC Adapters

See [NVIDIA LINKX, Ethernet Cables and Transceivers Linecard](#) for details.

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Part Number	Description	Technology	Max Speed	Connector Type	Ports	PCIe (Optimal)	Support Required	ECCN
ConnectX-5 Ethernet SmartNIC Adapters								
MCX512A-ACAT	NVIDIA MCX512A-ACAT ConnectX-5 EN Adapter Card 10/25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 x16	Recommended	5A991
MCX512F-ACAT	NVIDIA MCX512F-ACAT ConnectX-5 EN Adapter Card 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 x16	Recommended	5A991
MCX542A-ACAN	NVIDIA MCX542A-ACAN ConnectX-5 EN Adapter Card OCP2.0 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 x16	Recommended	5A991
MCX511F-ACAT	NVIDIA MCX511F-ACAT ConnectX-5 EN Adapter Card 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 x16	Recommended	5A991
MCX542B-ACAN	NVIDIA MCX542B-ACAN ConnectX-5 EN Adapter Card OCP2.0 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 x16	Recommended	5A991
MCX512A-ADAT	NVIDIA MCX512A-ADAT ConnectX-5 Ex EN Adapter Card 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 4 x16 Gen 3 x16	Recommended	5A991
MCX512A-ACUT	NVIDIA MCX512A-ACUT ConnectX-5 EN Adapter Card 10/25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 x16	Recommended	5A991
MCX562A-ACAI	NVIDIA MCX562A-ACAI ConnectX-5 EN Adapter Card OCP3.0 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 x16	Recommended	5A991
MCX562A-ACAB	NVIDIA MCX562A-ACAB ConnectX-5 EN Adapter Card OCP3.0 25GbE	Ethernet	25GbE	SFP28	Dual	Gen 3 x16	Recommended	5A991
MCX516A-BDAT	NVIDIA MCX516A-BDAT ConnectX-5 Ex EN Adapter Card 40GbE	Ethernet	40GbE	QSFP28	Dual	Gen 4 x16 Gen 3 x16	Recommended	5A991
MCX546A-BCAN	NVIDIA MCX546A-BCAN ConnectX-5 Ex EN Adapter Card OCP 40GbE	Ethernet	40GbE	QSFP28	Dual	Gen 4 x16 Gen 3 x16	Recommended	5A991
MCX516A-GCAT	NVIDIA MCX516A-GCAT ConnectX-5 EN Adapter Card 50GbE	Ethernet	50GbE	QSFP28	Dual	Gen 3 x16	Recommended	5A991
MCX516A-CCAT	NVIDIA MCX516A-CCAT ConnectX-5 EN Adapter Card 100GbE	Ethernet	100GbE	QSFP28	Dual	Gen 3 x16	Recommended	5A991
MCX516A-CDAT	NVIDIA MCX516A-CDAT ConnectX-5 Ex EN Adapter Card 100GbE	Ethernet	100GbE	QSFP28	Dual	Gen 4 x16 Gen 3 x16	Recommended	5A991
MCX515A-CCAT	NVIDIA MCX515A-CCAT ConnectX-5 EN Adapter Card 100GbE	Ethernet	100GbE	QSFP28	Dual	Gen 3 x16	Recommended	5A991
MCX546A-CDAN	NVIDIA MCX546A-CDAN ConnectX-5 Ex EN Adapter Card OCP2.0 100GbE	Ethernet	100GbE	QSFP28	Dual	Gen 4 x16 Gen 3 x16	Recommended	5A991
MCX516A-CCHT	NVIDIA MCX516A-CCHT ConnectX-5 EN Adapter Card 100GbE	Ethernet	100GbE	QSFP28	Dual	Gen 3 x16	Recommended	5A991
MCX515A-CCUT	NVIDIA MCX515A-CCUT ConnectX-5 EN Adapter Card 100GbE	Ethernet	100GbE	QSFP28	Dual	Gen 3 x16	Recommended	5A991
MCX565M-CDAB	NVIDIA MCX565M-CDAB ConnectX-5 Ex EN Adapter Card OCP3.0 100GbE	Ethernet	100GbE	QSFP28	Single	Gen 4 x16 Gen 3 x16	Recommended	5A991
MCX566A-CAAI	NVIDIA MCX566A-CAAI ConnectX-5 Ex EN Adapter Card OCP3.0 100GbE	Ethernet	100GbE	QSFP28	Dual	Gen 4 x16 Gen 3 x16	Recommended	5A991

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Part Number	Description	Technology	Max Speed	Connector Type	Ports	PCIe (Optional)	Support Required	ECCN
ConnectX-5 Ethernet SmartNIC Adapters								
MCX545A-CCUN	NVIDIA MCX545A-CCUN ConnectX-5 EN Adapter Card OCP2.0 100GbE	Ethernet	100GbE	QSFP28	Single	Gen 3 x16	Recommended	5A991
MCX566A-CDAB	NVIDIA MCX566A-CDAB ConnectX-5 Ex EN Adapter Card OCP3.0 100GbE	Ethernet	100GbE	QSFP28	Dual	Gen 4 x16 Gen 3 x16	Recommended	5A991
MCX565M-CDAI	NVIDIA MCX565M-CDAI ConnectX-5 Ex EN Adapter Card OCP3.0 100GbE	Ethernet	100GbE	QSFP28	Single	Gen 4 x16 Gen 3 x16	Recommended	5A991
MCX545A-CCAN	NVIDIA MCX545A-CCAN ConnectX-5 EN Adapter Card OCP2.0 100GbE	Ethernet	100GbE	QSFP28	Single	Gen 3 x16	Recommended	5A991
ConnectX-5 InfiniBand SmartNIC Adapters								
MCX556A-ECAT	NVIDIA MCX556A-ECAT ConnectX-5 VPI Adapter Card EDR/100GbE	InfiniBand	EDR 100GbE	QSFP28	Dual	Gen 4 x16 Gen 3 x16	Required	5A991
MCX556A-EDAT	NVIDIA MCX556A-EDAT ConnectX-5 Ex VPI Adapter Card EDR/100GbE	InfiniBand	EDR 100GbE	QSFP28	Dual	Gen 4 x16 Gen 3 x16	Required	5A991
MCX555A-ECAT	NVIDIA MCX555A-ECAT ConnectX-5 VPI Adapter Card EDR/100GbE	InfiniBand	EDR 100GbE	QSFP28	Single	Gen 4 x16 Gen 3 x16	Required	5A991
MCX556A-ECUT	NVIDIA MCX556A-ECUT ConnectX-5 VPI Adapter Card EDR/100GbE	InfiniBand	EDR 100GbE	QSFP28	Dual	Gen 4 x16 Gen 3 x16	Required	5A991
MCX556M-ECAT-S25	NVIDIA MCX556M-ECAT-S25 ConnectX-5 VPI Adapter Card EDR/100GbE	InfiniBand	EDR 100GbE	QSFP28	Dual	Gen 4 x16 Gen 3 x16	Required	5A991
MCX545B-ECAN	NVIDIA MCX545B-ECAN ConnectX-5 VPI Adapter Card OCP EDR/100GbE	InfiniBand	EDR 100GbE	QSFP28	Single	Gen 4 x16 Gen 3 x16	Required	5A991
MCX546A-EDAN	NVIDIA MCX546A-EDAN ConnectX-5 Ex VPI Adapter Card OCP2.0 EDR/100GbE	InfiniBand	EDR 100GbE	QSFP28	Dual	Gen 4 x16 Gen 3 x16	Required	5A991

Recommended Support for ConnectX-5 Ethernet SmartNIC Adapters

1 to 5 Year Silver Support available. See [NVIDIA Networking Service and Support line card for details](#)

Required Support for ConnectX-5 InfiniBand SmartNIC Adapters

1 to 5 Year Silver Support available. See [NVIDIA Networking Service and Support line card for details](#)

Cables for ConnectX-5 25GbE, 50GbE or 100GbE SmartNIC Adapters

See [NVIDIA LINKX, Ethernet Cables and Transceivers Linecard for details](#).

Cables for ConnectX-5 InfiniBand SmartNIC Adapters

See [NVIDIA LINKX, InfiniBand Cables and Transceivers Linecard for details](#).

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Part Number	Description	Technology	Max Speed	Connector Type	Ports	PCIe (Optimal)	Support Required	ECCN
ConnectX-4 Ethernet SmartNIC Adapters								
MCX4111A-ACAT	NVIDIA MCX4111A-ACAT ConnectX-4 Lx EN Adapter Card 25GbE	Ethernet	25GbE	SFP28	Single	PCIe 3 x16	Recommended	5A991

Recommended Support for ConnectX-4 Ethernet SmartNIC Adapters

1 to 5 Year Silver Support available. See [NVIDIA Networking Service and Support line card](#) for details.

Cables for ConnectX-4 10GbE, 25GbE, 40GbE or 50GbE SmartNIC Adapters

See [NVIDIA LINKX, Ethernet Cables and Transceivers Linecard](#) for details.

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Part Number	Description
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Ethernet Switch 100GbE Cables

MCP1600-C001E30N	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 1m
MCP1600-C002E30N	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 2m
MCP1600-C003E30N	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 3m
MCP1600-C005E26N	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 5m
MFA1A00-C003	Active Optical fiber cable, ETH 100GbE, 100Gb/s, QSFP 3m
MFA1A00-C005	Active Optical fiber cable, ETH 100GbE, 100Gb/s, QSFP 5m
MFA1A00-C010	Active Optical fiber cable, ETH 100GbE, 100Gb/s, QSFP 10m
MFA1A00-C015	Active Optical fiber cable, ETH 100GbE, 100Gb/s, QSFP 15m
MCP7F00-A001R30N	Splitter passive copper hybrid cable, ETH 100GbE to 4x25GbE, QSFP28 to 4xSFP28, 1m
MCP7F00-A003R26N	Splitter passive copper hybrid cable, ETH 100GbE to 4x25GbE, QSFP28 to 4xSFP28, 3m
MCP7H00-G02AR30L	Splitter passive copper hybrid cable, ETH 100Gb/s to 2x50Gb/s, QSFP28 to 2xQSFP28, 2.5m
MCP7H00-G003R26N	Splitter passive copper hybrid cable, ETH 100Gb/s to 2x50Gb/s, QSFP28 to 2xQSFP28, 3m
MFA7A50-C003	Splitter active fiber hybrid solution, ETH 100GbE to 4x25GbE, QSFP28 to 4xSFP28, 3m
MFA7A50-C005	Splitter active fiber hybrid solution, ETH 100GbE to 4x25GbE, QSFP28 to 4xSFP28, 5m
MFA7A50-C010	Splitter active fiber hybrid solution, ETH 100GbE to 4x25GbE, QSFP28 to 4xSFP28, 10m
MFA7A50-C015	Splitter active fiber hybrid solution, ETH 100GbE to 4x25GbE, QSFP28 to 4xSFP28, 15m

[View Corresponding Switch Data Sheet\(s\) for Other Available Products](#)

Ethernet Switch 200GbE Cables

MCP1650-V001E30	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 1m
MCP1650-V01AE30	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 1.5m

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Part Number	Description
Ethernet Switch 200GbE Cables	
MCP1650-V002E26	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 2m
MCP1650-V02AE26	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 2.5m
MCP1650-V003E26	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 3m
MFS1S00-V003E	Active Optical fiber cable, 200GbE, 200Gb/s, QSFP56, 3m
MFS1S00-V050E	Active Optical fiber cable, 200GbE, 200Gb/s, QSFP56, 5m
MFS1S00-V010E	Active Optical fiber cable, 200GbE, 200Gb/s, QSFP56, 10m
MFS1S00-V015E	Active Optical fiber cable, 200GbE, 200Gb/s, QSFP56, 15m
MCP7H50-V002R26	Splitter passive copper hybrid cable, 200GbE 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, colored, 2m
MCP7H50-V003R26	Splitter passive copper hybrid cable, 200GbE 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, colored, 3m
MFS1S50-V003E	Splitter active fiber splitter cable, 200GbE, 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56 3m
MFS1S50-V005E	Splitter active fiber splitter cable, 200GbE, 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56 5m
MFS1S50-V010E	Splitter active fiber splitter cable, 200GbE, 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56 10m
Ethernet Switch 400GbE Cables	
MCP1660-W00AE30	Direct Attach Copper Cable QSFP-DD 400GbE 0.5m
MCP1660-W001E30	Direct Attach Copper Cable QSFP-DD 400GbE 1m
MCP1660-W02AE26	Direct Attach Copper Cable QSFP-DD 400GbE 2.5m
MCP1660-W003E26	Direct Attach Copper Cable QSFP-DD 400GbE 3m
MCP7H60-W001R30	DAC splitter cable, 400GbE, 400Gb/s to 2x200Gb/s, QSFP-DD to 2xQSFP56, 1m
MCP7H60-W002R26	DAC splitter cable, 400GbE, 400Gb/s to 2x200Gb/s, QSFP-DD to 2xQSFP56, 2m

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Part Number	Description
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Cables for ConnectX-6 DX EN SmartNIC Adapters	
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MCP2M00-A001E30N	Direct Attach Copper Cable SFP28 25GbE 1m
MCP2M00-A002E30N	Direct Attach Copper Cable SFP28 25GbE 2m
MCP2M00-A003E6N	Direct Attach Copper Cable SFP28 25GbE 3m
MCP2M00-A004E26L	Direct Attach Copper Cable SFP28 25GbE 4m
MCP2M00-A005E26L	Direct Attach Copper Cable SFP28 25GbE 5m
MCP1600-C001E30N	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 1m
MCP1600-C002E30N	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 2m
MCP1600-C003E30L	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 3m
MCP1600-C005E26L	Direct Attach Copper Cable QSFP28 100GbE/IB EDR5m
MCP1650-V001E30	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 1m
MCP1650-V01AE30	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 1.5m
MCP1650-V002E26	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 2m
MCP1650-V02AE26	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 2.5m
MCP1650-V003E26	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 3m

Cables for ConnectX-6 EN SmartNIC Adapters	
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MCP1650-V001E30	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 1m
MCP1650-V01AE30	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 1.5m
MCP1650-V002E26	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 2m
MCP1650-V02AE26	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 2.5m
MCP1650-V003E26	Direct Attach Copper Cable QSFP56 200GbE/IB HDR 3m

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Part Number	Description
Cables for ConnectX-6 VPI SmartNIC Adapters	
MCP1600-E001E30	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 1m
MCP1600-E002E30	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 2m
MCP1600-E003E26	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 3m
MCP1600-E004E26	Direct Attach Copper Cable QSFP28 100GbE/IB EDR4m
MCP1600-E005E26	Direct Attach Copper Cable QSFP28 100GbE/IB EDR5m
MCP1600-E001E30	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 1m
MCP1600-E002E30	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 2m
MCP1600-E003E26	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 3m
MCP1600-E004E26	Direct Attach Copper Cable QSFP28 100GbE/IB EDR4m
MCP1600-E005E26	Direct Attach Copper Cable QSFP28 100GbE/IB EDR5m
Cables for ConnectX-5 25GbE SmartNIC Adapters	
MCP2M00-A001E30N	Direct Attach Copper Cable SFP28 25GbE 1m
MCP2M00-A002E30N	Direct Attach Copper Cable SFP28 25GbE 2m
MCP2M00-A003E6N	Direct Attach Copper Cable SFP28 25GbE 3m
MCP2M00-A004E26L	Direct Attach Copper Cable SFP28 25GbE 4m
MCP2M00-A005E26L	Direct Attach Copper Cable SFP28 25GbE 5m
Cables for ConnectX-5 50GbE or 100GbE SmartNIC Adapters	
MCP1600-C001E30N	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 1m
MCP1600-C002E30N	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 2m
MCP1600-C003E30N	Direct Attach Copper Cable QSFP28 100GbE/IB EDR 3m
MCP1600-C005E26L	Direct Attach Copper Cable QSFP28 100GbE/IB EDR5m

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Part Number	Description
Cables for ConnectX-4 25GbE SmartNIC Adapters	
MCP2M00-A001E30N	Direct Attach Copper Cable SFP28 25GbE 1m
MCP2M00-A002E30N	Direct Attach Copper Cable SFP28 25GbE 2m
MCP2M00-A003E6N	Direct Attach Copper Cable SFP28 25GbE 3m
MCP2M00-A004E26L	Direct Attach Copper Cable SFP28 25GbE 4m
MCP2M00-A005E26L	Direct Attach Copper Cable SFP28 25GbE 5m

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Part Number	Description
InfiniBand HDR Direct Attach Copper Cables	
MCA1J00-H003E	Active Copper cable, IB HDR, up to 200Gb/s, QSFP56, 3m
MCA1J00-H004E	Active Copper cable, IB HDR, up to 200Gb/s, QSFP56, 4m
MCP1650-H00AE30	Passive Copper cable, IB HDR, up to 200Gb/s, QSFP56, LSZH, 0.5m
MCP1650-H001E30	Passive Copper cable, IB HDR, up to 200Gb/s, QSFP56, LSZH, 1m
MCP1650-H01AE30	Passive Copper cable, IB HDR, up to 200Gb/s, QSFP56, LSZH, 1.5m
MCP1650-H002E26	Passive Copper cable, IB HDR, up to 200Gb/s, QSFP56, LSZH, 2m
MCP7H50-H001R30	Splitter passive copper hybrid cable, IB HDR 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, LSZH, colored, 1m
MCP7H50-H01AR30	Splitter passive copper hybrid cable, IB HDR 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, LSZH, colored, 1.5m
MCP7H50-H002R26	Splitter passive copper hybrid cable, IB HDR 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, LSZH, colored, 2m
MCA7J50-H003R	Splitter Active copper hybrid cable, IB HDR 200Gb/s to 2xHDR100 100Gb/s, QSFP56 to 2xQSFP56, 3m
MCA7J50-H004R	Splitter Active copper hybrid cable, IB HDR 200Gb/s to 2xHDR100 100Gb/s, QSFP56 to 2xQSFP56, 4m
InfiniBand HDR Active Optical fiber Cables	
MFS1S00-H003V	Active optical cable, up to 200Gb/s IB HDR, QSFP56, 3m
MFS1S00-H005V	Active optical cable, up to 200Gb/s IB HDR, QSFP56, 5m
MFS1S00-H010V	Active optical cable, up to 200Gb/s IB HDR, QSFP56, 10m
MFS1S00-H015V	Active optical cable, up to 200Gb/s IB HDR, QSFP56, 15m
MFS1S00-H020V	Active optical cable, up to 200Gb/s IB HDR, QSFP56, 20m
MFS1S90-H005E	Active fiber splitter cable, IB HDR, 2x200Gb/s to 2x200Gb/s, 2xQSFP56 to 2xQSFP56, 5m
MFS1S90-H010E	Active fiber splitter cable, IB HDR, 2x200Gb/s to 2x200Gb/s, 2xQSFP56 to 2xQSFP56, 10m
MFS1S90-H015E	Active fiber splitter cable, IB HDR, 2x200Gb/s to 2x200Gb/s, 2xQSFP56 to 2xQSFP56, 15m
MFS1S50-H003V	Active optical cable, 200Gb/s to 2x100Gb/s IB HDR, QSFP56 to 2xQSFP56, 3m

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Part Number	Description
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InfiniBand HDR Active Optical fiber Cables

MFS1S50-H005V	Active optical cable, 200Gb/s to 2x100Gb/s IB HDR, QSFP56 to 2xQSFP56, 5m
MFS1S50-H010V	Active optical cable, 200Gb/s to 2x100Gb/s IB HDR, QSFP56 to 2xQSFP56, 10m

InfiniBand EDR Direct Attached Copper Cables

MCP1600-E00AE30	Passive Copper cable, IB EDR, up to 100Gb/s, QSFP28, 0.5m
MCP1600-E01AE30	Passive Copper cable, IB EDR, up to 100Gb/s, QSFP28, 1.5m
MCP1600-E001E30	Passive Copper cable, IB EDR, up to 100Gb/s, QSFP28, 1m
MCP1600-E02AE26	Passive Copper cable, IB EDR, up to 100Gb/s, QSFP28, 2.5m
MCP1600-E002E30	Passive Copper cable, IB EDR, up to 100Gb/s, QSFP28, 2m
MCP1600-E003E26	Passive Copper cable, IB EDR, up to 100Gb/s, QSFP28, 3m
MCP1600-E004E26	Passive Copper cable, IB EDR, up to 100Gb/s, QSFP28, 4m
MCP1600-E005E26	Passive Copper cable, IB EDR, up to 100Gb/s, QSFP28, 5m

InfiniBand EDR Active Optical fiber Cables

MFA1A00-E001	Active fiber cable, IB EDR, up to 100Gb/s, QSFP, LSZH, 1m
MFA1A00-E003	Active fiber cable, IB EDR, up to 100Gb/s, QSFP, LSZH, 3m
MFA1A00-E005	Active fiber cable, IB EDR, up to 100Gb/s, QSFP, LSZH, 5m
MFA1A00-E007	Active fiber cable, IB EDR, up to 100Gb/s, QSFP, LSZH, 7m
MFA1A00-E010	Active fiber cable, IB EDR, up to 100Gb/s, QSFP, LSZH, 10m

Cables for ConnectX-6 VPI SmartNIC Adapters

MCP1600-E001E30	InfiniBand Cable EDR 1m
MCP1600-E002E30	InfiniBand Cable EDR 2m

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Part Number	Description
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Cables for ConnectX-6 VPI SmartNIC Adapters	
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MCP1600-E003E26	InfiniBand Cable EDR 3m
MCP1600-E004E26	InfiniBand Cable EDR 4m
MCP1600-E005E26	InfiniBand Cable EDR 5m
MCP1600-E001E30	InfiniBand Cable EDR 1m
MCP1600-E002E30	InfiniBand Cable EDR 2m
MCP1600-E003E26	InfiniBand Cable EDR 3m
MCP1600-E004E26	InfiniBand Cable EDR 4m
MCP1600-E005E26	InfiniBand Cable EDR 5m

Cables for ConnectX-5 EDR/100GbE SmartNIC Adapters	
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MCP1600-E001E30	InfiniBand Cable EDR 1m
MCP1600-E002E30	InfiniBand Cable EDR 2m
MCP1600-E003E26	InfiniBand Cable EDR 3m
MCP1600-E004E26	InfiniBand Cable EDR 4m
MCP1600-E005E26	InfiniBand Cable EDR 5m

Cables for ConnectX-5 InfiniBand SmartNIC Adapters	
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MCP1600-E001E30	InfiniBand Cable EDR 1m
MCP1600-E002E30	InfiniBand Cable EDR 2m
MCP1600-E003E26	InfiniBand Cable EDR 3m
MCP1600-E004E26	InfiniBand Cable EDR 4m
MCP1600-E005E26	InfiniBand Cable EDR 5m

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