

Transceiver Compatibility Matrix for Freedom and Edgecore Switches

As of NetVisor OS Release 7.0.2 Issued 9/30/2022

Part No.	Description	Form Factor	Vendor	Vendor Part No.
<=1G				
SFP-T	1000BASE-T Transceiver RJ-45 Copper	SFP	Finisar	FCLF8522P2BTL
SFP-T	1000BASE-T Transceiver RJ-45 Copper	SFP	Finisar	FCLF8521P2BTL
SFP-SX	1G SX Transceiver LC Connector - MMF	SFP	Finisar	FTLF8519P3BNL
SFP-SGMII-T	100/1000BASE-T Transceiver	SFP	Bel Fuse	SFP-1GBT-05
SFP-LX	1G LX/LH Transceiver LC Connector - SMF	SFP	Finisar	FTLF1318P3BTL
SFP-LX	1G LX/LH Transceiver LC Connector - SMF	SFP	Avago	AFCT-5710LZ
10G				
SFP10-T	10G SFP+, 10GBASE-T Transceiver - RJ-45 Copper - supports links up to 30m using Cat 6a/7 Cable	SFP+	Method	DM7051
SFP10-T	10G SFP+, 10GBASE-T Transceiver - RJ-45 Copper - supports links up to 30m using Cat 6a/7 Cable	SFP+	Prolabs	SFP-10GBaseT-V3-C
SFP10-SR	10G SFP+ SR Transceiver - 850nm Wavelength, 300 Meter	SFP+	Finisar	FTLX8574D3BCL
SFP10-LR	10G SFP+ LR Transceiver - 1310nm Wavelength, 10 Kilometer	SFP+	Finisar	FTLX1471D3BCL
SFP10-ER	10G SFP+ ER Transceiver - 1550nm Wavelength, 40 Kilometer	SFP+	Finisar	FTLX1672D3BCL
SFP10-CU0P5M	10G SFP+ Passive Copper Direct Attach Cable (DAC) - 0.5 Meter	SPF+, DAC	Amphenol	617230001
SFP10-CU0P5M	10G SFP+ Passive Copper Direct Attach Cable (DAC) - 0.5 Meter	SPF+, DAC	Amphenol	586710001
SFP10-CU1M	10G SFP+ Passive Copper Direct Attach Cable (DAC) - 1 Meter	SPF+, DAC	Amphenol	617230002
SFP10-CU1M	10G SFP+ Passive Copper Direct Attach Cable (DAC) - 1 Meter	SPF+, DAC	Amphenol	586710007
SFP10-CU2M	10G SFP+ Passive Copper Direct Attach Cable (DAC) - 2 Meter	SPF+, DAC	Amphenol	617230004
SFP10-CU2M	10G SFP+ Passive Copper Direct Attach Cable (DAC) - 2 Meter	SPF+, DAC	Amphenol	586710012
SFP10-CU3M	10G SFP+ Passive Copper Direct Attach Cable (DAC) - 3 Meter	SPF+, DAC	Amphenol	617230006
SFP10-CU3M	10G SFP+ Passive Copper Direct Attach Cable (DAC) - 3 Meter	SPF+, DAC	Amphenol	586710002
SFP10-AO3M	10G SFP+ Active Fiber Optic Cable (AOC) - 3 Meter	SPF+, AOC	Finisar	FCBG110SD1C03
SFP10-AO5M	10G SFP+ Active Fiber Optic Cable (AOC) - 5 Meter	SPF+, AOC	Finisar	FCBG110SD1C05
SFP10-AO7M	10G SFP+ Active Fiber Optic Cable (AOC) - 7 Meter	SPF+, AOC	Finisar	FCBG110SD1C07
SFP10-AO10M	10G SFP+ Active Fiber Optic Cable (AOC) - 10 Meter	SPF+, AOC	Finisar	FCBG110SD1C10
SFP10-AO20M	10G SFP+ Active Fiber Optic Cable (AOC) - 20 Meter	SPF+, AOC	Finisar	FCBG110SD1C20

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10G (cont'd)

QSFP10-CU1M	40G QSFP to 4x 10G SFP+ Passive Copper Splitter Cable - 1 Meter	QSFP+ SPLITTER DAC	Amphenol	610640001
QSFP10-CU2M	40G QSFP to 4x 10G SFP+ Passive Copper Splitter Cable - 2 Meter	QSFP+ SPLITTER DAC	Amphenol	610640002
QSFP10-CU3M	40G QSFP to 4x 10G SFP+ Passive Copper Splitter Cable - 3 Meter	QSFP+ SPLITTER DAC	Amphenol	610640003
QSFP10-AO3M	40G QSFP to 4x 10G SFP+ Active Optical Splitter Cable - 3 Meter	QSFP+ SPLITTER AOC	Finisar	FCBN510QE2C03
QSFP10-AO5M	40G QSFP to 4x 10G SFP+ Active Optical Splitter Cable - 5 Meter	QSFP+ SPLITTER AOC	Finisar	FCBN510QE2C05
QSFP10-AO10M	40G QSFP to 4x 10G SFP+ Active Optical Splitter Cable - 10 Meter	QSFP+ SPLITTER AOC	Finisar	FCBN510QE2C10

25G

SFP25-CU1M	25G SFP28 Direct Attach Copper - 1 Meter	SFP28, DAC	Amphenol	NDCCGF0001
SFP25-CU2M	25G SFP28 Direct Attach Copper - 2 Meter	SFP28, DAC	Amphenol	NDCCGF0003
SFP25-CU3M	25G SFP28 Direct Attach Copper - 3 Meter	SFP28, DAC	Amphenol	NDCCGF0005
SFP28-25-SR	25G SFP+ SR, 850nm Wavelength, 100m, Transceiver	SFP28	Finisar	FTLF8536P4BCL
SFP28-25-LR	25G SFP+ LR, 1310nm Wavelength, 10 Kilometer, Transceiver	SFP28	Finisar	FTLF1436P3BCL

100G<->25G

QSFP25-CU1M	100G 1X QSFP28 to 4x 25G SFP28 Passive Copper Splitter Cable - 1 Meter	QSFP28 SPLITTER DAC	Amphenol	NDAQGF-D101
QSFP25-CU1M	100G 1X QSFP28 to 4x 25G SFP28 Passive Copper Splitter Cable - 1 Meter	QSFP28 SPLITTER DAC	Amphenol	NDAQGF-0001
QSFP25-CU2M	100G 1X QSFP28 to 4x 25G SFP28 Passive Copper Splitter Cable - 2 Meter	QSFP28 SPLITTER DAC	Amphenol	NDAQGF-D102
QSFP25-CU2M	100G 1X QSFP28 to 4x 25G SFP28 Passive Copper Splitter Cable - 2 Meter	QSFP28 SPLITTER DAC	Amphenol	NDAQGF-0002
QSFP25-CU3M	100G 1X QSFP28 to 4x 25G SFP28 Passive Copper Splitter Cable - 3 Meter	QSFP28 SPLITTER DAC	Amphenol	NDAQGF-D103
QSFP25-CU3M	100G 1X QSFP28 to 4x 25G SFP28 Passive Copper Splitter Cable - 3 Meter	QSFP28 SPLITTER DAC	Amphenol	NDAQGF-0003

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Part No.	Description	Form Factor	Vendor	Vendor Part No.
100G<->25G (cont'd)				
QSFP25-A03M	100G 1x QSFP28 to 4x 25G SFP28 Active Optical Splitter Cable - 3 Meter	QSFP28 SPLITTER AOC	Finisar	FCBN525QE2C03
QSFP25-A03M	100G 1x QSFP28 to 4x 25G SFP28 Active Optical Splitter Cable - 3 Meter	QSFP28 SPLITTER AOC	Finisar	FCBN525QE1C03
QSFP25-A05M	100G 1x QSFP28 to 4x 25G SFP28 Active Optical Splitter Cable - 5 Meter	QSFP28 SPLITTER AOC	Finisar	FCBN525QE2C05
QSFP25-A05M	100G 1x QSFP28 to 4x 25G SFP28 Active Optical Splitter Cable - 5 Meter	QSFP28 SPLITTER AOC	Finisar	FCBN525QE1C05
QSFP25-A010M	100G 1x QSFP28 to 4x 25G SFP28 Active Optical Splitter Cable - 10 Meter	QSFP28 SPLITTER AOC	Finisar	FCBN525QE2C10
QSFP25-A010M	100G 1x QSFP28 to 4x 25G SFP28 Active Optical Splitter Cable - 10 Meter	QSFP28 SPLITTER AOC	Finisar	FCBN525QE1C10
40G				
QSFP40-BIDI	40G QSFP+ Bi-Directional Transceiver - Duplex LC	QSFP+	Avago	AFBR-79EBPZ
QSFP40-ER4	40G QSFP+ ER4 Transceiver - 40 Kilometer	QSFP+	FlexOptics	Q.1640G.40
QSFP40-LR4	40G QSFP+ LR4 Transceiver - 10 Kilometer	QSFP+	Finisar	FTL4C1QE1C
QSFP40-LR4	40G QSFP+ LR4 Transceiver - 4 x CWDM 10km, Dual LC, SMF	QSFP+	Finisar	FTL4C1QE2C
QSFP40-PLR4	40G QSFP+ Parallel SMF MTP Transceiver - 10km	QSFP+	Fiberstore	QSFP40-PLR4-40G
QSFP40-SR4	40G QSFP+ SR4 Transceiver - 850nm Wavelength, 100 Meter over OM3 MMF or 150 Meter over OM4 MMF	QSFP+	Finisar	FTL410QE2C
QSFP40-SR4	40G QSFP+ SR4 Transceiver - 850nm Wavelength, 100 Meter over OM3 MMF or 150 Meter over OM4 MMF	QSFP+	Finisar	FTL410QE4C
QSFP40-UNIVLM4	40G QSFP+ LM4 Universal Transceiver - 140m on OM3, 160m on OM4, and 1km on SMF	QSFP+	Finisar	FTL4C3QE1C
QSFP40-UNIVLM4	40G QSFP+ LM4 Universal Transceiver - 140m on OM3, 160m on OM4, and 1km on SMF	QSFP+	Finisar	FTL4C3QE2C
CAB-MMF-LC2M	LC-LC Male Fiber Optic Patch Cable, Multimode - 50/125, OM3 - 2 meter	PATCH CABLE	Wave2Wave	PER DESCRIPTION
CAB-MMF-LC5M	LC-LC Male Fiber Optic Patch Cable, Multimode - 50/125, OM3 - 5 meter	PATCH CABLE	Wave2Wave	PER DESCRIPTION
CAB-MMF-LC15M	LC-LC Male Fiber Optic Patch Cable, Multimode - 50/125, OM3 - 15 meter	PATCH CABLE	Wave2Wave	PER DESCRIPTION
QSFP40-CU0P5M	40G QSFP+ Passive Copper Direct Attach Cable (DAC) - 0.5 Meter	QSFP+, DAC	Amphenol	603020000
QSFP40-CU1M	40G QSFP+ Passive Copper Direct Attach Cable (DAC) - 1 Meter	QSFP+, DAC	Amphenol	603020001
QSFP40-CU2M	40G QSFP+ Passive Copper Direct Attach Cable (DAC) - 2 Meter	QSFP+, DAC	Amphenol	603020002
QSFP40-CU3M	40G QSFP+ Passive Copper Direct Attach Cable (DAC) - 3 Meter	QSFP+, DAC	Amphenol	603020003
QSFP40-A03M	40G QSFP+ Active Fiber Optic Cable (AOC) - 3 Meter	QSFP+, AOC	Finisar	FCBN410QB1C03
QSFP40-A03M	40G QSFP+ Active Fiber Optic Cable (AOC) - 3 Meter	QSFP+, AOC	Finisar	FCCN410QD3C03
QSFP40-A05M	40G QSFP+ Active Fiber Optic Cable (AOC) - 5 Meter	QSFP+, AOC	Finisar	FCBG410QB1C05

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Part No.	Description	Form Factor	Vendor	Vendor Part No.
40G (cont'd)				
QSFP40-A05M	40G QSFP+ Active Fiber Optic Cable (AOC) - 5 Meter	QSFP+, AOC	Finisar	FCCN410QD3C05
QSFP40-A07M	40G QSFP+ Active Fiber Optic Cable (AOC) - 7 Meter	QSFP+, AOC	Finisar	FCBG410QB1C07
QSFP40-A07M	40G QSFP+QSFP Active Fiber Optic Cable (AOC) - 7 Meter	QSFP+, AOC	Finisar	FCCN410QD3C07
QSFP40-A010M	40G QSFP+ Active Fiber Optic Cable (AOC) - 10 Meter	QSFP+, AOC	Finisar	FCBG410QB1C10
QSFP40-A010M	40G QSFP+ Active Fiber Optic Cable (AOC) - 10 Meter	QSFP+, AOC	Finisar	FCCN410QD3C10
QSFP40-A015M	40G QSFP+ Active Fiber Optic Cable (AOC) - 15 Meter	QSFP+, AOC	Finisar	FCBG410QB1C15
QSFP40-A015M	40G QSFP+ Active Fiber Optic Cable (AOC) - 15 Meter	QSFP+, AOC	Finisar	FCCN410QD3C15
QSFP40-A020M	40G QSFP+ Active Fiber Optic Cable (AOC) - 20 Meter	QSFP+, AOC	Finisar	FCBG410QB1C20
QSFP40-A020M	40G QSFP+ Active Fiber Optic Cable (AOC) - 20 Meter	QSFP+, AOC	Finisar	FCCN410QD3C20
100G				
QSFP-SFP-ADPTR	Adapter for QSFP28 to SFP28/SFP+/SFP (25G/10G/1G)	ADAPTER	Mellanox	MAM1Q00A-QSA28
QSFP100-BIDI	100G QSFP28 Transceiver - BIDI, 850/900nm, LC Duplex MMF	QSFP28	Avago	AFBR-89BDDZ-FT1
QSFP100-SR4	100G QSFP28 Transceiver - SR4 850nm, 100m with MPO Connector	QSFP28	Finisar	FTLC9551REPM
QSFP100-SR4	100G QSFP28 Transceiver - SR4 850nm, 100m with MPO Connector	QSFP28	Finisar	FTLC9555REPM
QSFP100-SR4	100G QSFP28 Transceiver - SR4 850nm, 100m with MPO Connector	QSFP28	Precision OT	PRE-QSFP28-SR4
QSFP100-LR4	100G QSFP28 Transceiver - LR4, 10 Kilometer, Duplex LC	QSFP28	Finisar	FTLC1151RDPL
QSFP100-LR4	100G QSFP28 Transceiver - LR4, 10 Kilometer, Duplex LC	QSFP28	Finisar	FTLC1154RDPL
QSFP100-LR4	100G QSFP28 Transceiver - LR4, 1310nm, 10km, SMF, DDM, LC	QSFP28	Precision OT	PRE-QSFP28-LR4
QSFP100-ELR4	100G QSFP28 Transceiver - ELR4, 20 Kilometer, Duplex LC	QSFP28	Finisar	FTLC1151RDPLA
QSFP100-ELR4	100G QSFP28 Transceiver - ELR4, 20 Kilometer, Duplex LC	QSFP28	Finisar	FTLC1154RDPLA
QSFP100-PSM4	100G QSFP28 Transceiver - PSM4, 2 Kilometer with MPO Connector	QSFP28	Luxtera	LUX42604B0
QSFP100-CU1M	100G QSFP28 Direct Access Cable (DAC) - 1 Meter	QSFP28, DAC	Amphenol	NDAAFF-C101
QSFP100-CU1M	100G QSFP28 Direct Access Cable (DAC) - 1 Meter	QSFP28, DAC	Amphenol	NDAAFF0001
QSFP100-CU2M	100G QSFP28 Direct Access Cable (DAC) - 2 Meter	QSFP28, DAC	Amphenol	NDAAFF-C102
QSFP100-CU2M	100G QSFP28 Direct Access Cable (DAC) - 2 Meter	QSFP28, DAC	Amphenol	NDAAFF0002
QSFP100-CU3M	100G QSFP28 Direct Access Cable (DAC) - 3 Meter	QSFP28, DAC	Amphenol	NDAAFF-C103
QSFP100-CU3M	100G QSFP28 Direct Access Cable (DAC) - 3 Meter	QSFP28, DAC	Amphenol	NDAAFF0003
QSFP100-AO3M	100G QSFP28 Active Fiber Optic Cable (AOC) - 3 Meter	QSFP28, AOC	Finisar	FCBN425QE1C03
QSFP100-AO3M	100G QSFP28 Active Fiber Optic Cable (AOC) - 3 Meter	QSFP28, AOC	Finisar	FCBN425QE2C03
QSFP100-AO3M	100G QSFP28 Active Fiber Optic Cable (AOC) - 3 Meter	QSFP28, AOC	Amphenol	AQP85B4-003

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Part No.	Description	Form Factor	Vendor	Vendor Part No.
100G (cont'd)				
QSFP100-A05M	100G QSFP28 Active Fiber Optic Cable (AOC) - 5 Meter	QSFP28, AOC	Finisar	FCBN425QE1C05
QSFP100-A05M	100G QSFP28 Active Fiber Optic Cable (AOC) - 5 Meter	QSFP28, AOC	Finisar	FCBN425QE2C05
QSFP100-A05M	100G QSFP28 Active Fiber Optic Cable (AOC) - 5 Meter	QSFP28, AOC	Amphenol	AQP85B4-005
QSFP100-A07M	100G QSFP28 Active Fiber Optic Cable (AOC) - 7 Meter	QSFP28, AOC	Finisar	FCBN425QE1C07
QSFP100-A07M	100G QSFP28 Active Fiber Optic Cable (AOC) - 7 Meter	QSFP28, AOC	Finisar	FCBN425QE2C07
QSFP100-A07M	100G QSFP28 Active Fiber Optic Cable (AOC) - 7 Meter	QSFP28, AOC	Amphenol	AQP85B4-007
QSFP100-A010M	100G QSFP28 Active Fiber Optic Cable (AOC) - 10 Meter	QSFP28, AOC	Finisar	FCBN425QE1C10
QSFP100-A010M	100G QSFP28 Active Fiber Optic Cable (AOC) - 10 Meter	QSFP28, AOC	Finisar	FCBN425QE2C10
QSFP100-A010M	100G QSFP28 Active Fiber Optic Cable (AOC) - 10 Meter	QSFP28, AOC	Amphenol	AQP85B4-010
QSFP100-A015M	100G QSFP28 Active Fiber Optic Cable (AOC) - 15 Meter	QSFP28, AOC	Finisar	FCBN425QE1C15
QSFP100-A015M	100G QSFP28 Active Fiber Optic Cable (AOC) - 15 Meter	QSFP28, AOC	Finisar	FCBN425QE2C15
QSFP100-A015M	100G QSFP28 Active Fiber Optic Cable (AOC) - 15 Meter	QSFP28, AOC	Amphenol	AQP85B4-015
QSFP100-A020M	100G QSFP28 Active Fiber Optic Cable (AOC) - 20 Meter	QSFP28, AOC	Finisar	FCBN425QE1C20
QSFP100-A020M	100G QSFP28 Active Fiber Optic Cable (AOC) - 20 Meter	QSFP28, AOC	Finisar	FCBN425QE2C20

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Third-Party Transceiver Compatibility Note: Customers are advised that the Arista NetVisor OS does not lock Transceiver support; however, due to potential variations of the firmware and implementations within physical Transceivers, not all third-party Transceivers will be fully compatible off-the-shelf. Arista Networks has endeavored to test and validate third-party Transceivers, and those listed here are based upon the manufacturers currently shipping versions at the time of testing. Arista advises that Transceiver models substituted by the manufacturer or a third-party manufacturer, although claimed to be functionally equivalent, may not be compatible. Customers are advised to contact Arista Networks to verify compatibility and validate interoperability prior to purchasing or deployment.

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