

May 9, 2022

Vendor	Vendor Standard P/N	Description	Type	Supported Length
FOIT/Avago	AFBR-5710PZ	1000BaseSX SFP Transceiver	1G SFP Transceiver	550 m
FOIT/Avago	AFBR-710SMZ	10Gb Ethernet, 10GBASE-SR/SW	10G SFP+ Transceiver	400 m
FOIT/Avago	AFBR-709SMZ	10GBASE-SR/SW	10G Module	400 m
FOIT/Avago	AFBR-709SMZ-IBX/8	10GBASE-SR/SW	10G Module	300 m
Finisar	FTLX8574D3BCL	10GbE SR SFP+	10G Module	400 m
Netgear	AXM765	10GBASE-T SFP+	10G Module	30 m
FOIT/Avago	AFCT-739DMZ	10G LR/1 GbE SX SFP+	10G Module	10 km
Finisar	FTLX1471D3BCL	10GbE LR SFP+	10G Module	10 km
FOIT/Avago	AFCT-739SMZ	10GbE LR SFP+	10G Module	10 km
SmartOptics	SO-SFP-10GE-ER	10GbE ER SFP+	10G SM, DDM, 14dB	40km
SmartOptics	SO-SFP-10GE-ER-Dxxx	DWDM 10G SFP+ ER	10G SFP+ ER Transceiver	40 km
SmartOptics	SO-SFP-10GE-ER-Cxx	CWDM 10G SFP+ ER	10G SFP+ ER Transceiver	40 km
SmartOptics	SO-SFP-10GE-ZR-Dxxxx	DWDM 10G SFP+ ZR	10G SFP+ ZR Transceiver	80 km
Molex	747529663	10G SFP+ Based Assembly, 0.5 m	10GbE Passive Copper DAC	0.5 m
Amphenol	616310000	10G SFP+ Based Assembly, 0.5 m	10GbE Passive Copper DAC	0.5 m
Molex	747529665	10G SFP+ Based Assembly, 2 m	10GbE Passive Copper DAC	2 m
Amphenol	616310002	10G SFP+ Based Assembly, 2 m	10GbE Passive Copper DAC	2 m
Molex	747529666	10G SFP+ Based Assembly, 3 m	10GbE Passive Copper DAC	3 m
Amphenol	616310003	10G SFP+ Based Assembly, 3 m	10GbE Passive Copper DAC	3 m
Molex	747529667	10G SFP+ Based Assembly, 5 m	10GbE Passive Copper DAC	5 m
Amphenol	616310005	10G SFP+ Based Assembly, 5 m	10GbE Passive Copper DAC	5 m
FOIT/Avago	AFBR-734SMZ	25Gb SR SFP28	25Gb SR SFP28 Transceiver	100m @ OM4
FOIT/Avago	AFBR-734TMZ	25Gb SR SFP28	25Gb SR SFP28 Transceiver	50m @ OM4
FOIT/Avago	AFBR-735SMZ	25Gb SR SFP28	25G SFP28 SR Transceiver	100 m
FOIT/Avago	AFBR-725ADMZ	25Gb SR SFP28	25G/10GbE SR Transceiver	100 m
FOIT/Avago	AFBR-725SMZ	25Gb SR SFP28	25Gb SR SFP28 Transceiver	100 m
FOIT/Avago	AFBR-725TMZ	25Gb SR SFP28	25Gb SR SFP28 Transceiver	30 m
FOIT/Avago	AFCT-725SMZ	25Gb LR SFP28	25G/10GbE LR Transceiver	10 km
Molex	1111455002	SFP28-SFP28, 0.5M	25GbE Passive Copper DAC	0.5 m
Amphenol	NDCCGF-0001	SFP28-SFP28, 1M	25GbE Passive Copper DAC	1 m
Molex	1111455000	SFP28-SFP28, 2M	25GbE Passive Copper DAC	2 m
Amphenol	NDCCGF-C102	SFP28-SFP28, 2M	25GbE Passive Copper DAC	2 m
Molex	1111455001	25G DAC 5M	25GbE Passive Copper DAC	5 m
Amphenol	NDCCGF-0005	25G DAC 5M	25GbE Passive Copper DAC	5 m
FOIT/Avago	AFBR-79EEPZ	40GbE QSFP eSR4	40G Module	400 m
FOIT/Avago	AFBR-79EQDZ	40GBASE-SR4	40G Module	150 m
Finisar	FTL410QD4C	40GbE QSFP eSR4	40GBASE-SR4	300 m
SmartOptics	SO-QSFP-ER4	40GbE QSFP+, CWDM	40GBASE-ER4	40 km
SmartOptics	IN-Q2AY-51-LR	40G PAM4 DWDM Optical Platform	40G DWDM Optical Platform System	80 km
SmartOptics	SO-QSFP-4SFP-ACUx	QSFP (40G) to 4x SFP+ (10G) cable	40G Active Direct Attach Cable (DAC) Coax	1 to 100 m
SmartOptics	SO-QSFP-4SFP-PCUx	QSFP (40G) to 4x SFP+ (10G) cable	40G Passive Direct Attach Cable (DAC) Twinax	1 to 5 m
Molex	1064101003	40G QSFP+ Quad Data Rate DAC	40G Active Copper DAC	3 m
Amphenol	603020001	40GbE QSFP+ 40GBASE-CR4 DAC	40G Passive Copper DAC	1 m
Amphenol	603020003	40GbE QSFP+ 40GBASE-CR4 DAC	40G Passive Copper DAC	3 m
Amphenol	603020005	40GbE QSFP+ 40GBASE-CR4 DAC	40G Passive Copper DAC	5 m
Amphenol	603020007	40GbE QSFP+ 40GBASE-CR4 DAC	40G Passive Copper DAC	7 m
FOIT/Avago	AFCT-89WDDZ	100GbE 70C CWDM4 QSFP28 2km	100G Module	2 km
FOIT/Avago	AFBR-89BDDZ*	100GbE 70C BiDi QSFP28	100G Module BiDi	100m
Finisar	FTLC1155RGPL	100GbE 70C CWDM4 QSFP28 2km	100G Module	2 Km
Molex/Amphenol	X66211A-05 (112-00595)	100GbE, QSFP-QSFP, CU, 0.5M	100G Passive Copper DAC, Twinax	0.5m
Molex/Amphenol	X66211-1 (112-00573)	100GbE, QSFP-QSFP, CU, 1M	100G Passive Copper DAC	1 m
Molex/Amphenol	X66211-2 (112-00574)	100GbE, QSFP-QSFP, CU, 2M	100G Passive Copper DAC	2 m
Molex/Amphenol	X66211-5 (112-00576)	100GbE, QSFP-QSFP, CU, 5M	100G Passive Copper DAC	5 m
Amphenol	FOQQD33P00015	100G, QSFP28 Active Optical Cable	100GbE Active Optical Cable assembly	15 m
FOIT/Avago	AFBR-89CDHZ	100GBASE-SR4	100G QSFP28 transceiver	100m @OM4
FOIT/Avago	AFBR-89CDDZ	100GBASE-SR4	100G QSFP28 transceiver	100m @OM4
SmartOptics	SO-QSFP28-SR4	100G QSFP28 SR	100G QSFP28 SR	100m @OM4
SmartOptics	SO-QSFP28-LR4-10L*	100G QSFP28 LR4	100G QSFP28 LR4	10 km
SmartOptics	IN-Q2AY-47-LR	100G PAM4 DWDM Optical Platform	100G DWDM Optical Platform System	80 km
Avgo	AFBR-735 TMZ	25GBase-SR	25G Transceiver	50m

Note*: 100G AFBR-89BDDZ & SO-QSFP28-LR4 optics don't support FEC. User has to manually disable FEC on ports where they're seated
To disable FEC on a port:

```
#config
```

```
(Config)#interface 0/<XX> /* XX is interface with transceiver */
```

```
(Interface 0/XX)#no fec
```