

September 5, 2023

| Vendor | Vendor Standard P/N | Description | Type | Supported Length |
|-------------|--------------------------|-----------------------------------|--|------------------|
| Avago | AFBR-5718PZ | 1000BaseSX SFP Transceiver | 1G SFP Transceiver | 550 m |
| Finisar | FCLF-8521-3 | 1000BaseT SFP Transceiver | 1G SFP Transceiver | 100m |
| Finisar | FTLF1318P2BCL | 1000Base-LX SFP Transceiver | 1G SFP Transceiver | 10 km |
| 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 | FTLX8571D3BCL | 10GbE SR SFP+ | 10G Module | 400 m |
| Netgear | AXM765 | 10GBASE-T SFP+ | 10G Module | 30 m |
| Netgear | AXM765V2 | 10GBASE-T SFP+ | 10G Module | 80m |
| Dell | SFP-10G-T-MG-30M-G2 | 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 |
| Finisar | FTLX8571D3BCL | 10GBase-SR | 10G Module | 300m |
| 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 |
| NetApp | X6566B-05-R6 / 112-00297 | 10G SFP+ , 0.5m | 10GbE Passive Copper DAC | 0.5 m |
| Molex | 747529718 / 747529663 | 10G SFP+ Based Assembly, 0.5 m | 10GbE Passive Copper DAC | 0.5 m |
| Amphenol | 628620000 / 616310000 | 10G SFP+ Based Assembly, 0.5 m | 10GbE Passive Copper DAC | 0.5 m |
| NetApp | X6566B-2-R6 / 112-00299 | 10G SFP+ , 2m | 10GbE Passive Copper DAC | 2 m |
| Molex | 747529719 / 747529665 | 10G SFP+ Based Assembly, 2 m | 10GbE Passive Copper DAC | 2 m |
| Amphenol | 628620002 / 616310002 | 10G SFP+ Based Assembly, 2 m | 10GbE Passive Copper DAC | 2 m |
| NetApp | X6566B-3-R6 / 112-00300 | 10G SFP+ , 3m | 10GbE Passive Copper DAC | 3 m |
| Molex | 747529720 / 747529666 | 10G SFP+ Based Assembly, 3 m | 10GbE Passive Copper DAC | 3 m |
| Amphenol | 628620003 / 616310003 | 10G SFP+ Based Assembly, 3 m | 10GbE Passive Copper DAC | 3 m |
| NetApp | X6566B-5-R6 / 112-00301 | 10G SFP+ , 5m | 10GbE Passive Copper DAC | 5 m |
| Molex | 747529721 / 747529667 | 10G SFP+ Based Assembly, 5 m | 10GbE Passive Copper DAC | 5 m |
| Amphenol | 628620005 / 616310005 | 10G SFP+ Based Assembly, 5 m | 10GbE Passive Copper DAC | 5 m |
| Netgear | AXC761 | 10G SFP+,1m | 10GbE Passive Copper DAC | 1m |
| 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 |
| Intel Corp | AFBR-735ADMZ-IN1 | 25GBase-SR | 25Gb SR SFP28 Transceiver | 100m |
| FOIT/Avago | AFCT-725SMZ | 25Gb LR SFP28 | 25G/10GbE LR Transceiver | 10 km |
| NetApp | X66240A-05 / 112-00639 | SFP28-SFP28, 0.5M | 25GbE Passive Copper DAC | 0.5 m |
| 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 |
| NetApp | X66240A-2 / 112-00598 | SFP28-SFP28, 2M | 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 |
| NetApp | X66240A-5 / 112-00600 | 25G DAC 5M | 25GbE Passive Copper DAC | 5 m |
| Molex | 1111455001 | 25G DAC 5M | 25GbE Passive Copper DAC | 5 m |
| Amphenol | NDCCGF-0005 | 25G DAC 5M | 25GbE Passive Copper DAC | 5 m |
| Avgo | AFBR-735TMZ | 25GBase-SR | 25G Transceiver | 50m |
| 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 |

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|-------------|------------------------|-----------------------------------|--------------------------------------|-----------|
| 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 |
| NetApp | 332-00450 | 100GbE 70C CWDM4 QSFP28 2km | 100G Module | 2 Km |
| Finisar | FTLC1155RGPL | 100GbE 70C CWDM4 QSFP28 2km | 100G Module | 2 Km |
| NetApp | X66211A-05 (112-00595) | 100GbE, QSFP-QSFP, CU, 0.5M | 100G Passive Copper DAC, Twinax | 0.5m |
| Molex | 1002974005 | 100GbE, QSFP-QSFP, CU, 0.5M | 100G Passive Copper DAC, Twinax | 0.5m |
| Amphenol | NDAAFF-N103 | 100GbE-CU QSFP28 to QSFP28, 0.5M | 100G Passive Copper DAC, Twinax | 0.5m |
| NetApp | X66211-1 /112-00573 | 100GbE, QSFP-QSFP, CU, 1M | 100G Passive Copper DAC | 1 m |
| Molex | 1002974010 | 100GbE, QSFP-QSFP, CU, 1M | 100G Passive Copper DAC | 1 m |
| Amphenol | NDAAFF-N101 | 100GbE-CU QSFP28 to QSFP28, 1M | 100G Passive Copper DAC | 1 m |
| NetApp | X66211-2 (112-00574) | 100GbE, QSFP-QSFP, CU, 2M | 100G Passive Copper DAC | 2 m |
| Molex | 1002974020 | 100GbE, QSFP-QSFP, CU, 2M | 100G Passive Copper DAC | 2 m |
| Amphenol | NDAAFF-N102 | 100GbE-CU QSFP28 to QSFP28, 2M | 100G Passive Copper DAC | 2 m |
| NetApp | X66211-5 (112-00576) | 100GbE, QSFP-QSFP, CU, 5M | 100G Passive Copper DAC | 5 m |
| Molex | 1002974050 | 100GbE, QSFP-QSFP, CU, 5M | 100G Passive Copper DAC | 5 m |
| Amphenol | NDAAFF-N105 | 100GbE-CU QSFP28 to QSFP28, 5M | 100G Passive Copper DAC | 5 m |
| NetApp | X66220A-15 / 112-00586 | 100G, QSFP28 Active Optical Cable | 100GbE Active Optical Cable assembly | 15 m |
| Molex | 1837100009 | 100G, QSFP28 Active Optical Cable | 100GbE Active Optical Cable assembly | 15 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 |
| NetApp | 332-00440 | 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 |

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
```

Note*: AXM765 module has 2 versions. Occasionally, AXM765v1 doesn't get detected or come up during a reboot. Occasionally, AXM765v2 takes longer to come up on reboot or user may see a single link flap on reboot.

Workaround: For AXM765v1, User can reboot the device again or plug-out and plug-in the SFP. This is a known issue with the specific SFP. For AXM765v2, there is no need for a workaround and it's seen only during reboot.