Cisco Cabling Guide For 100G and 400G Fiber Optics

This compatibility guide has been designed to direct you through mapping the corresponding Cisco QSFP/QSFP-DD modules to the applicable Siemon Company solutions in order to build a complete network channel. For questions on compatibility and availability, please contact your regional Siemon Company sales representative.

100G QSFP28 Modules

Type	Media	Connector Interface	Breakout	Near End Module/ Adapter Plate	Product Image	Far End Module/ Adapter Plate	Product Image	Breakout Module	Product Image
QSFP-100G-SR4-S QSFP-100G-SL4	MM	MPO12	YES (4x25G-SR)	LVAM4-MPQ-BN-A		LVAM4-MPQ-BN-A		LVM24EFLSV-BLUA	
QSFP-40/100G-SRBD QSFP-100G-SR1.2	MM	LC	NO	LVM24EFLSV-BLUA		LVM24EFLSV-BLUA		N/A	N/A
QSFP-100G-CWDM4-S	SM	LC	NO	LVM24EFLSU-BLUA		LVM24EFLSU-BLUA		N/A	N/A
QSFP-100G-SM-SR	SM	LC	NO	LVM24EFLSU-BLUA		LVM24EFLSU-BLUA		N/A	N/A
QSFP-100G-FR-S	SM	LC	NO	LVM24EFLSU-BLUA		LVM24EFLSU-BLUA		N/A	N/A
QSFP-100G-DR-S	SM	LC	NO	LVM24EFLSU-BLUA		LVM24EFLSU-BLUA		N/A	N/A
QSFP-100G-LR-S QSFP-100G-ERL-S	SM	LC	NO	LVM24EFLSU-BLUA		LVM24EFLSU-BLUA		N/A	N/A
QSFP-100G-LR4-S QSFP-100G-ER4L-S	SM	LC	NO	LVM24EFLSU-BLUA		LVM24EFLSU-BLUA		N/A	N/A
QSFP-100G-PSM4-S	SM	MPO12	YES (4x25G-SR)	LVAM4-MPB-BN-A		LVAM4-MPB-BN-A		LVM24EFLSU-BLUA	

400G QSFP-DD Modules

Type	Media	Connector Interface	Breakout	Near End Module/ Adapter Plate	Product Image	Far End Module/ Adapter Plate	Product Image	Breakout Module	Product Image
QDD-400G-FR4-S	SM	LC	NO	LVM24EFLSU-BLUA		LVM24EFLSU-BLUA		N/A	N/A
QDD-400G-LR4-S QDD-400G-LR8-S	SM	LC	NO	LVM24EFLSU-BLUA		LVM24EFLSU-BLUA		N/A	N/A
QDD-400G-DR4-S	SM	MPO12	YES (4x100G)	LVAM4-MPB-BN-A		LVAM4-MPB-BN-A		LVM24EFLSU-BLUA	
QDD-4 x 100G-FR-S QDD-4 x 100G-LR-S	SM	MPO12	YES (4x100G)	LVAM4-MPB-BN-A		LVAM4-MPB-BN-A		LVM24EFLSU-BLUA	

Plug and Play Base-8 MTP-MTP Fiber Trunks

Base-8 MTP-MTP RazorCore™ Fiber Trunks, Plenum

G(X)(XXX)(X)(XX)(X)(XXX)(X)-(X)

Performance
R = Standard Loss
L = Ultra Low-Loss (OM4 Only)

Fiber Count
8 = 8
16 = 16
24 = 24
48 = 48
96 = 96
144 = 144

Gender
- = Female
M = Male (recommended)

Fiber Type
5V = OM4, XGLO™ 550 50/125 Multimode, Aqua
SM = OS1/OS2, Singlemode, Yellow

Jacket Type
P = Plenum
L = LS0H
(C) = LS0H-Cca

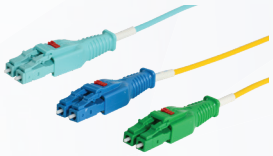
Length
Must be 3 digits
Example: 003 = 3m
010 = 10ft

Length Unit
F = Feet
M = Meters

Polarity Method
A = Method A
B = Method B (Recommended)
C = Method C



Fiber Optic Jumpers and Enclosures	Part Number
8 Fiber MTP Pro Jumper, SM	GJSPA(Y)FF-(XXX)M-B
8 Fiber MTP Pro Jumper, OM4	GJLPV(Y)FF-(XXX)M-B
LC BladePatch Jumper, SM	LBP-LCULCUL-(XXX)(Z)
LC BladePatch Jumper, OM4	LBP-LCLC5V-(XXX)(Z)
High Density FCP3 Fiber Connect Panel, 96 Fibers in 1U	FCP3-DWR-4A

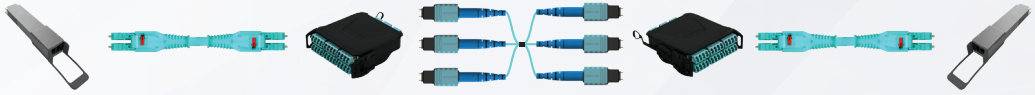




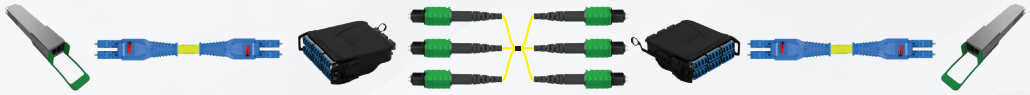
(XXX): 001= 1 m, 010= 10 m, 100= 100 m
(Y): R = Riser, P = Plenum, L = LS0H
(Z): Blank = Riser, P = Plenum, H = LS0H
Please contact your local representative for additional part numbers.

Example Channels

40/100G-SRBD, 2 fiber MM Channel



400G-FR4, 2 fiber SM Channel



400G-DR4, 8 fiber SM Channel



400G-DR4 to 4 x 100G-DR-S Breakout Channel

