

Corning Gold Patch Cords and Pigtails

Fiber Connections Inc. is a Corning Cable Systems CAH Gold Program member. Gold Program members adhere to Corning recommended manufacturing practices and are subject to annual audits by Corning Cable Systems. Corning Gold patch cords and pigtails can be made with any standard fiber and connector type in both standard and custom lengths.



Ordering Information

Fiber Type	
1	62.5/125 (OM1)
2	SM (OS2)
3	50/125 (OM2)
9	50/125 (OM3)
A	50/125 (OM4)

Cable Type			
A	2 Fiber 3mm Zipcord Riser	P	2 Fiber 2mm Zipcord Riser
B	2 Fiber 3mm Zipcord Plenum	Q	2 Fiber 2mm Zipcord Plenum
I	Simplex 900um	R	Simplex 1.6mm Riser
J	Simplex 3mm Riser	1	Duplex 1.6mm Riser
K	Simplex 3mm Plenum	2	Duplex 1.6mm Plenum
L	Simplex 2mm Riser	19	2F Single Tube 2mm Plenum
M	Simplex 2mm Plenum	20	2F Single Tube 2mm Riser

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See table below for SM and MM connector options

Length in meters

Pull-kits	
0	None
1	1 installed
2	2 installed

Connector Types			
MM Connectors		SM Connectors	
LP	MM LC	LU	SM LCupc
UP	MM LC UNIBOOT	UU	SM LCupc UNIBOOT
LM	MM MINI-LC	LM	SM MINI-LCupc
CP	MM SC	CU	SM SCupc
CC	MM SC (w/clips)	CD	SM SCupc (w/clips)
SP	MM ST (poly body)	CZ	SM SCapc
TP	MM ST (metal body)	SU	SM STupc (poly body)
FP	MM FC	TU	SM STupc (metal body)
RM	MM MTRJ (male)	FU	SM FCupc
RJ	MM MTRJ (female)	FZ	SM FCapc
RN	MM MTRJ (male) A-A B-B (one end only)	RM	SM MTRJ (male)
RV	MM MTRJ (female) A-A B-B (one end only)	RJ	SM MTRJ (female)
00	PIGTAIL (one end only)	RN	SM MTRJ (male) A-A B-B (one end only)
		RV	SM MTRJ (female) A-A B-B (one end only)
		00	PIGTAIL (one end only)

Specifications

SM Connectors

Connector	Insertion Loss (dB)		Reflectance (dB)		Durability	Ferrule Material	Housing
	Typical	Max	Typical	Max			
FCupc	0.2	0.4	≤ -58	≤ -55	< 0.2dB	Ceramic	Metal Alloy
FCapc	0.2	0.4	≤ -68	≤ -65	< 0.2dB	Ceramic	Metal Alloy
LC	0.2	0.4	≤ -58	≤ -55	< 0.2dB	Ceramic	Composite
LC Duplex	0.2	0.4	≤ -58	≤ -55	< 0.2dB	Ceramic	Composite
MTRJ	0.3	0.4	≤ -53	≤ -40	< 0.2dB	Composite	Composite
SCupc Duplex	0.2	0.4	≤ -58	≤ -55	< 0.2dB	Ceramic	Composite
SCupc	0.2	0.4	≤ -58	≤ -55	< 0.2dB	Ceramic	Composite
SCapc	0.2	0.4	≤ -68	≤ -65	< 0.2dB	Ceramic	Composite
STupc polybody	0.2	0.4	≤ -58	≤ -55	< 0.2dB	Ceramic	Composite
STupc metal	0.2	0.4	≤ -58	≤ -55	< 0.2dB	Ceramic	Metal Alloy

Please contact customer service for additional information.

Custom configurations available upon request.

All specifications are subject to change



MM Connectors—62.5/125 or 50/125

Connector	Insertion Loss (dB)		Reflectance - Not applicable		Durability	Ferrule Material	Housing Material
	Typical	Max					
FCpc	0.2	0.4	-	-	< 0.2dB	Ceramic	Metal Alloy
LC	0.2	0.4	-	-	< 0.2dB	Ceramic	Composite
LC Duplex	0.2	0.4	-	-	< 0.2dB	Ceramic	Composite
MTRJ	0.3	0.4	-	-	< 0.2dB	Ceramic	Composite
SCpc	0.2	0.4	-	-	< 0.2dB	Ceramic	Composite
STpc polybody	0.2	0.4	-	-	< 0.2dB	Ceramic	Composite
STpc metal	0.2	0.4	-	-	< 0.2dB	Ceramic	Metal Alloy

Optical Fiber Transmission Performance

Fiber Type	62.5/125µm	50/125µm	50/125µm	50/125µm	Single-mode
ISO/IEC name	OM1	OM2	OM3	OM4	OS2
Max. Attenuation (dB/km)	3.4/1.0	3.0/1.0	3.0/1.0	3.0/1.0	0.65/0.65/0.5
Min. Over Filled Launch (OFL)	200/500	700/500	1500/500	1500/500	- / - / -
Bandwidth (MHx•km)					
Min. Effective Modal	220 / -	950 / -	2000 / -	5350 / -	- / - / -
Serial 1 Gigabit Ethernet Distance (m)	300/550	750/600	1000/600	1000/600	5000/ - / -
Serial 10 Gigabit Ethernet Distance (m)	33/ -	150/ -	300/ -	600/ -	10000/ - / 40000

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