

Corning Gold Patch Cords and Pigtails – Single mode

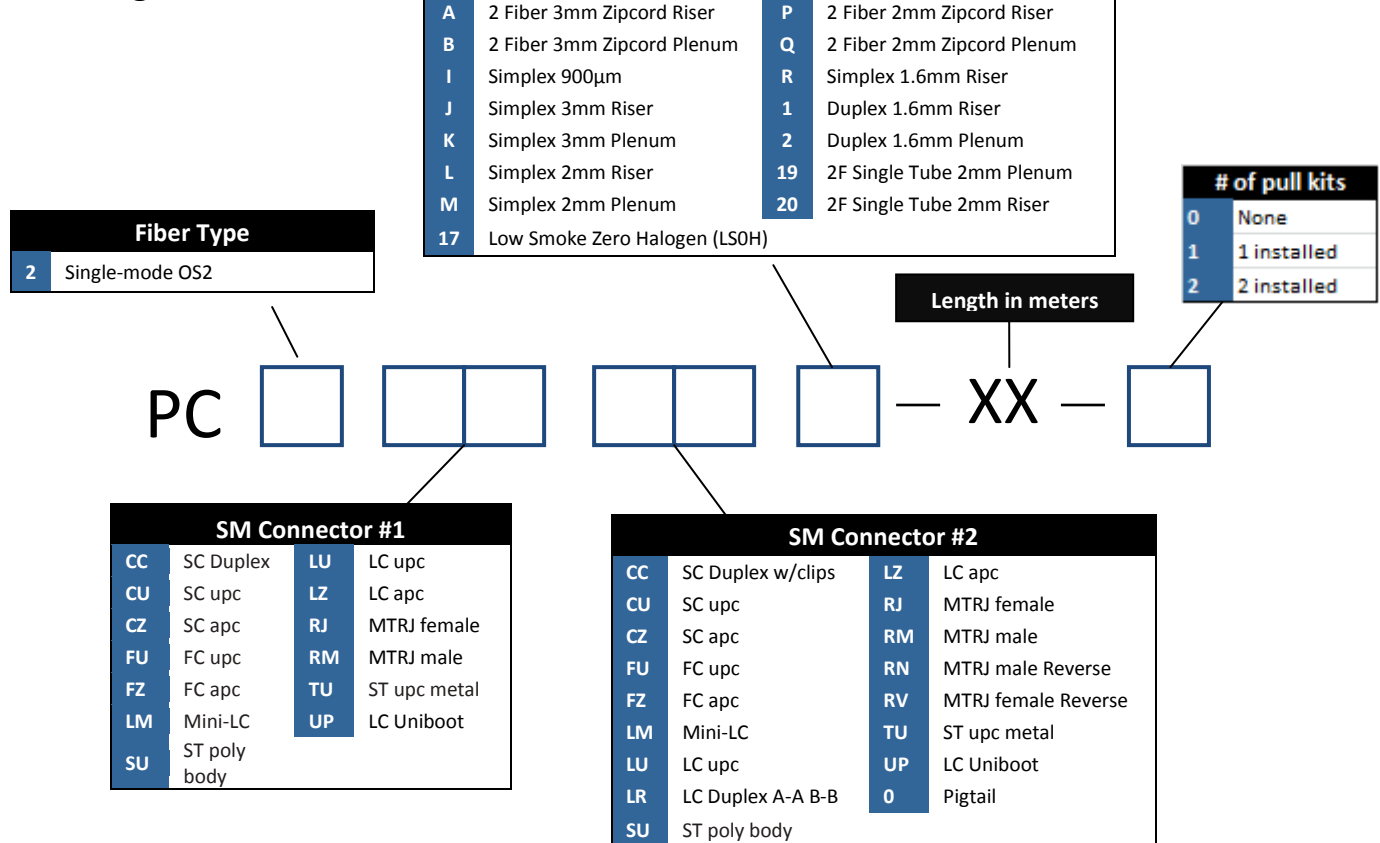
Fiber Connections Inc. is a Corning Cable Systems CAH Connections Gold Program member. Gold Program members adhere to Corning recommended manufacturing practices and are subject to annual audits by Corning Cable Systems.

Corning Gold single mode patch cords and pigtails can be made with standard SM, OS2 fiber and have LC, SC, ST, MTRJ or FC connectors. The LC Uniboot connectors are also available - in a Uniboot to Uniboot configuration or a Uniboot to standard LC or SC connectors.

*Custom lengths are available.



Ordering Information





TECHNICAL SPECIFICATIONS

Single Mode Fiber @ 1310nm

Connector	Insertion Loss (dB)		Reflectance (dB)		Durability	Ferrule Material	Housing Material
	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

Optical fiber Transmission Performance

Fiber Type	Multimode				Single-mode
	62.5/125μm (850/1300nm)	50/125μm (850/1300nm)	50/125μm (850/1300nm)	50/125μm (850/1300nm)	Single-mode (1310/1383/1550nm)
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) Bandwidth (MHx•km)	200/500	700/500	1500/500	1500/500	- / - / -
Min. Effective Modal Bandwidth (MHx•km)	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

Please contact customer service for additional information.
All specifications are subject to change.

