Fiber Connections Inc.

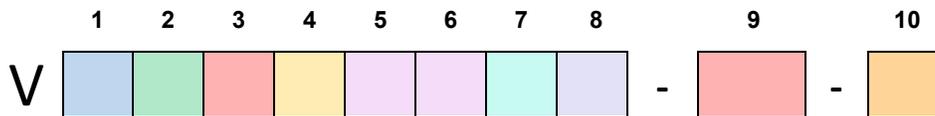*Innovate | Design | Deliver*

V SERIES PATCH CORDS

Fiber Connections Inc. offers cost effective, high quality patch cords to suit your fiber interconnect needs. All of our V series patch cords are built in our North American manufacturing facility with high quality components and adhere to the highest manufacturing standards. We stock a large variety of standard cable and connector types and can build custom length cords very quickly.

ORDERING INFORMATION

	1	2	3	4	5	6	7	8		9		10
V									-		-	

1 — Fiber Type

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

2 — Fiber Count

1	1 Fiber
2	2 Fiber

3 — Cable Rating

R	Riser FT4
P	Plenum FT6
D	Riser (FT4) Armored
E	Plenum (FT6) Armored
L	LSZH
T	PVC (for 900um)

4 — Cable Design

A	900um Tight Buffered
B	1.6mm Simplex
C	2mm Simplex
D	3mm Simplex
E	1.6mm Duplex
F	2mm Duplex
G	3mm Duplex

5,6 — Connector Types

LC	LC Simplex
LD	LC Duplex
LU	LC Uniboot
LM	LC Mini
SC	SC Simplex
SD	SC Duplex
ST	ST
0	Pigtail /Unterminated
SA	SC/APC
SZ	SC/APC Duplex
FC	FC
FA	FC/APC
LA	LC/APC
LZ	LC/APC Duplex
RM	MTRJ(m) Pinned
RJ	MTRJ(f) non-pinned

7 — Assembly Performance

E	EFG (Ref. Grade)
F	EFG (Ref. Grade) w/test data
L	Low Loss
M	Low Loss w/ test data
S	Standard Performance
T	Standard Performance w/test data

8 — Polarity

F	Standard
G	Reversed

9 — Length in Meters

10 — Pull-kits

0	None
1	1 installed
2	2 installed

TECHNICAL SPECIFICATIONS

Connector Type	Max Insertion Loss (dB)		Reflectance OS2 (dB)	Reflectance OM3/OM4 (dB)	Durability	Ferrule Material	Housing Material
	Low Loss / EFG Grade	Standard					
LC	0.2	0.4	≤ -55	-25	< 0.2dB	Ceramic	Composite
SC	0.2	0.4	≤ -55	-25	< 0.2dB	Ceramic	Composite
ST	0.2	0.4	≤ -55	-25	< 0.2dB	Ceramic	Metal Alloy
FC	0.2	0.4	≤ -55	-25	< 0.2dB	Ceramic	Metal Alloy
SCapc	0.2	0.4	≤ -65	-25	< 0.2dB	Ceramic	Composite
FCapc	0.2	0.4	≤ -65	-25	< 0.2dB	Ceramic	Metal Alloy
LCapc	0.2	0.4	≤ -65	-25	< 0.2dB	Ceramic	Metal Alloy
MTRJ	0.3	0.4	≤ -40	-25	< 0.2dB	Composite	Composite

Fiber Type	Max. Attenuation (dB/km)		Min. Over Filled Launch (MHz•km)		Min. Effective Modal Bandwidth (MHz•km)		Serial 1 Gigabit Ethernet Distance (m)		Serial 10 Gigabit Ethernet Distance (m)	
	850nm	1300nm	850nm	1300nm	850nm	1300nm	850nm	1300nm	850nm	1300nm
OM1	3.4	1.0	200	500	220	-	300	550	33	-
OM2	3.0	1.0	700	500	950	-	750	600	150	-
OM3	3.0	1.0	1500	500	2000	-	1000	600	300	-
OM4	3.0	1.0	3500	500	4700	-	1100	600	550	-
	1310nm	1550nm	1310nm	1550nm	1310nm	1550nm	1310nm	1550nm	1310nm	1550nm
OS2	0.65	0.5	-	-	-	-	5000	-	10000	40000

Please contact customer service for additional information.

Custom configurations available upon request.

All specifications are subject to change.