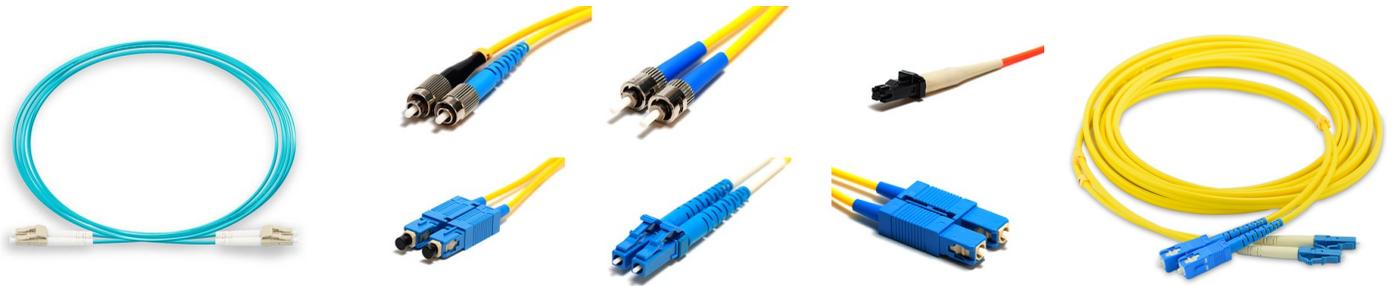
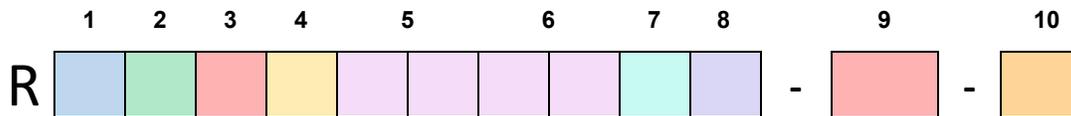


# R SERIES PATCH CORDS



Fiber Connections Inc. offers a line of reliable standard patch cords to suit any budget. Standard simplex and Duplex patch cords are available in both single mode and multimode fiber with many standard connector styles. Lengths are available in 1 through 15 meters. We stock many standard configurations for quick turn around. Contact customer service today to learn more.

## ORDERING INFORMATION



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
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
RM	MTRJ(m) Pinned
RJ	MTRJ(f) non-pinned

7	Assembly Performance
L	Low Loss
S	Standard Performance

8	Polarity
F	Standard

9	Length in Meters

10	Pull-kits
0	None
1	1 installed
2	2 installed

## TECHNICAL SPECIFICATIONS

### Connector Performance

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 Performance

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	-
	<b>1310nm</b>	<b>1550nm</b>	<b>1310nm</b>	<b>1550nm</b>	<b>1310nm</b>	<b>1550nm</b>	<b>1310nm</b>	<b>1550nm</b>	<b>1310nm</b>	<b>1550nm</b>
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.