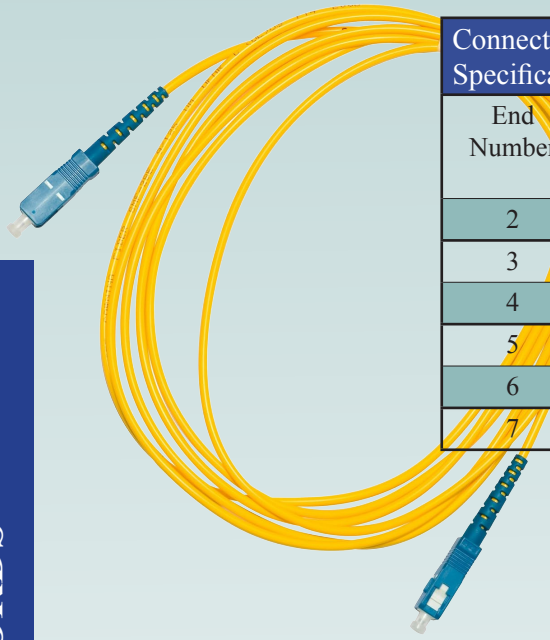
PATCH CORDS

Gould optical cable assemblies feature quality parts and guaranteed performance specifications.

- Length tolerance is ±10% (minimum tolerance is ±5cm)
- Specifications are per mated pair at both 1310nm and 1550nm



Connector Insertion/Return Loss Specifications for SMF-28 Fiber			
End Number	Connector	Insertion Loss (dB)	Typical Return Loss (dB)
2	ST	≤ 0.5	> 40
3	FC	≤ 0.25	> 50
4	SC	≤ 0.25	> 50
5	LC	≤ 0.25	> 40
6	FC/APC	≤ 0.25	> 60
7	SC/APC	≤ 0.25	> 60

Features

- Low Optical Loss
- Low Polarization Dependent Loss

Applications

- Telecom
- Instrumentation
- Medical

Product #:

6		-						-		-					1

Patchcord Type	
2	singlemode
4	multimode

Testing Requirements	
0	insertion loss testing data only
1	insertion loss and return loss testing data
2	insertion loss and endface geometry data
3	insertion loss, return loss and endface geometry data

Connector End A	
2	ST/UPC
3	FC/UPC
4	SC/UPC
5	LC/UPC
6	FC/APC
7	SC/APC

Connector End B	
0	Pigtail assembly
2	ST/UPC
3	FC/UPC
4	SC/UPC
5	LC/UPC
6	FC/APC
7	SC/APC

Length in meters xxxx	
0300	3 m
0350	3.5m
	etc

Fiber Type	
03	Corning SMF-28™, 100kpsi proof test on fiber
06	Corning Flexcore (5/125)
11	50/125 Graded Index (Corning)
12	62.5/125 Graded Index (Corning)
22	200/230/500, 0.37NA SI MM HCS (Lucent)
23	200/230/500, 0.48NA SI MM HCS (Lucent)
25	100/140/250 Step Index (Lucent)
27	Corning Flecore (7/125)
32	Corning SMF-28™, 200 kspi proof test on fiber
54	Corning Flecore (7/125), 200 kspi proof test on fiber

Buffer Type	
10	No buffering (not recommended)
21	900 micron, white, hytrel (temp rating -20 to +70 °C, UL 94V-HM rated)
22	900 micron, orange, hytrel (temp rating -20 to +70 °C, UL 94V-HM rated)
23	900 micron, blue, hytrel (temp rating -20 to +70 °C, UL 94V-HM rated)
24	900 micron, red, hytrel (temp rating -20 to +70 °C, UL 94V-HM rated)
25	900 micron, green, hytrel (temp rating -20 to +70 °C, UL 94V-HM rated)
26	900 micron, black, hytrel (temp rating -20 to +70 °C, UL 94V-HM rated)
27	900 micron, brown, hytrel (temp rating -20 to +70 °C, UL 94V-HM rated)
28	900 micron, gray/slate, hytrel (temp rating -20 to +70 °C, UL 94V-HM rated)
29	900 micron, yellow, hytrel (temp rating -20 to +70 °C, UL 94V-HM rated)
31	2.9mm x 0.4mm, Kevlar reinforced tubing, yellow
32	2.9mm x 0.4mm, Kevlar reinforced tubing, orange
33	2.9mm x 0.9mm, Kevlar reinforced tubing, orange
34	2.9mm x 0.45mm, Kevlar reinforced tubing, black

Specifications are based on non-connectorized products. For connectorized specifications, please call sales for details. Custom optical & mechanical configurations are available upon request.

Call Toll Free: 1-800-544-6853 • FAX: 410-987-1201 • E-mail: info@gouldfo.com