

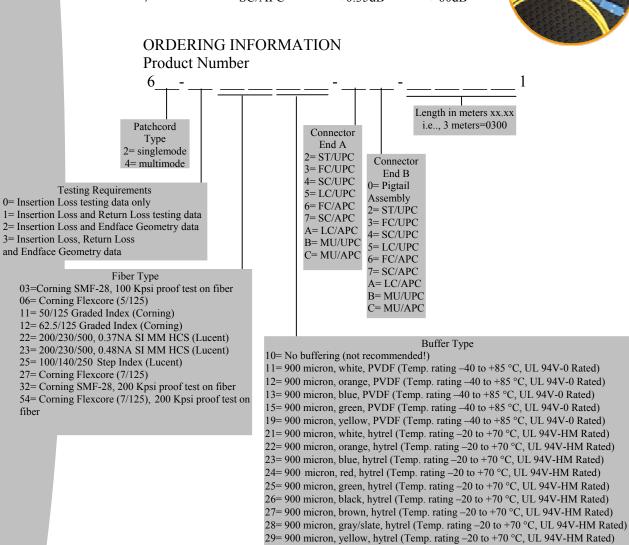
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Patch Cords

Gould cable assemblies feature quality parts and guaranteed performance specifications. • Specifications are per mated pair at both 1310nm and 1550nm.

Connector Insertion/Return Loss Specifications for Singlemode Fiber

End Number	Connector	Insertion Loss	Typical Return Loss	
2 =	ST	< 0.50dB	>50dB	
3 =	FC	< 0.35dB	>50dB	
4 =	SC	< 0.35dB	>50dB	
5 =	LC	< 0.35dB	>40dB	
6 =	FC/APC	< 0.35dB	>60dB	
7 =	SC/APC	< 0.35dB	>60dB	



- 31= 2.9 mm x 0.4mm, Kevlar Reinforced Tubing, yellow
- 32= 2.9 mm x 0.4 mm, Kevlar Reinforced Tubing, orange
- 33= 2.9 mm x 0.9 mm, Kevlar Reinforced Tubing, orange
- 34= 2.9 mm x 0.45 mm, Kevlar Reinforced Tubing, black



NOTES:

- 1. Regarding Multimode cable assemblies, Insertion Loss tested with broadband light source under fully filled launch conditions. This is the only launch condition under which Gould Fiber Optics will guarantee performance for Insertion Loss.
- 2. For large core (>62.5 micron) fiber, Insertion Loss is the only option for testing for standard product.
- 3. Connector options A, B, and C are available for singlemode applications only as standard practice. For "large core" multimode fiber, only connector option 2 is available.
- 4. For large core multimode fiber (fiber codes 22, 23, and 25) the standard buffering option is 33.

Standard length tolerance is +/- 5 cm on lengths below 20 meters, and +/- 10 cm for lengths above 20 meters. Contact your sales representative for different options.

Patchcord Part Number Example:

If you want to order a 3.5 meter patchcord with an SC/APC connector on one end and FC/APC on the other, Corning 200 Kpsi SMF-28 fiber buffered with 900 micron Black hytrel, and you require IL, RL and endface geometry data, you would order part number 62-33226-67-03501.

For custom options and additional information, please contact us at:

Phone: 1-410-987-5600 Fax: 1-410-987-1201 Web: <u>www.gouldfo.com</u>

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