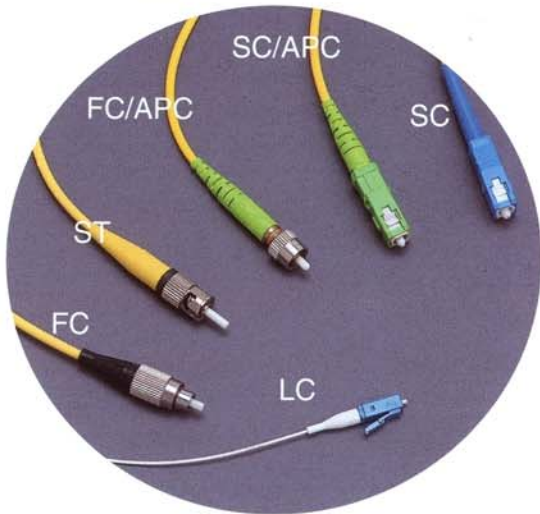


Connectors & Low Reflection Terminations

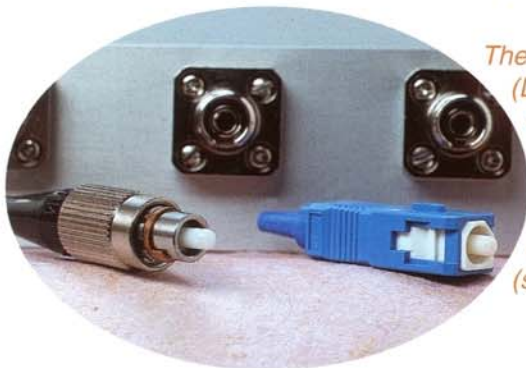
Connectors



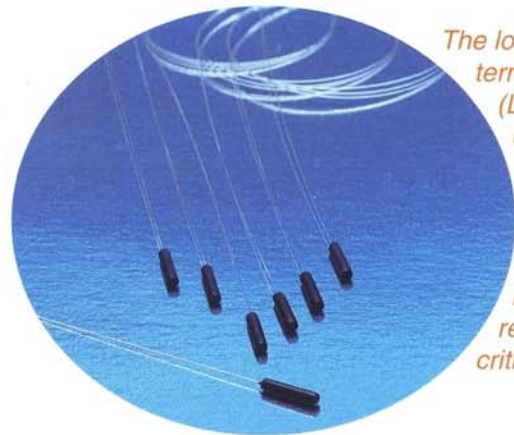
Connector Style	Singlemode (9/125) Insertion Loss	Multimode Insertion Loss	Return Loss	Gould Number
No connector				0
ST Style	≤ 0.5dB	≤ 0.5dB	≥ 40dB	2
FC Style	≤ 0.35dB	≤ 0.5dB	≥ 50dB	3
SC Style	≤ 0.35dB	≤ 0.5dB	≥ 50dB	4
LC Style	≤ 0.35dB		≥ 40dB	5
FC/APC	≤ 0.35dB		≥ 60dB	6
SC/APC	≤ 0.35dB		≥ 60dB	7
SMA 905		≤ 1.0dB		8

Singlemode insertion loss values are for 9/125 micron fiber. Insertion losses for smaller core size fibers will be higher. Other connector styles available upon request (i.e. multi-fiber connectors, backplane connectors and specialty ferrules).

Low Reflection Terminations (LRT™)



The low reflection termination (LRT™) may be specified for use on Gould singlemode coupler product or purchased separately as a pigtail (shown at right) or bulkhead connector (shown on the left).



The low reflection termination (LRT™) is designed for use on unused ports in systems where low back reflection is critical.

LRT™ Specifications and Product Number

Type	Configuration	Typical Back Reflection	Product Number
ST Bulkhead	Connector	≥ 50 dB	63-00000-00-38020
SC Bulkhead	Connector	≥ 50 dB	63-00000-00-16780
FC Bulkhead	Connector	≥ 50 dB	63-00000-00-17600
Splice Termination	0.5 m pigtail 100 kpsi	≥ 60 dB	63-00000-00-16510
	0.5 m pigtail 200 kpsi	≥ 60 dB	63-00000-00-29580