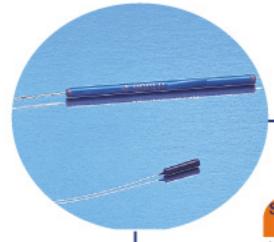
C/L Band Fiber Optic Couplers



Gould's new C/L Band couplers are ideal for DWDM systems and OTDR applications, providing excellent performance for applications that operate in the C/L Band from 1530nm to 1625nm. These couplers exhibit low insertion loss, and low sensitivity to polarization and wavelength. C/L Band couplers are available in a variety of splitting ratios from 50/50 to 99/1 tap versions.* Standard package size is 3mm X 50mm.



	SERIES 1	SERIES 2	
Insertion Loss	≤3.6nm	≤3.9nm	
Operating Wavelength	1530 - 1625nm		
Uniformity	<0.8dB	<1.2dB	
Typical Polarization Sensitivity	≤0.2dB	≤0.3dB	
Typical Directivity	≥65dB for 2 X 2		
	≥50dB for 1 X 2		
	≥60dB for 1 X 2 with LRT™		
Standard Package Dimensions	dia, 3mm X L, 50mm (pkg. 12)		

Options:

Low Reflection Termination (LRT): An external low reflection termination on the unused port (≥60dB)

Package Styles: C/L Band couplers come in package style 12 but can be repackaged into styles 22(dia. 3.9mm X 76.2mm L, 900μm Hytrel loose tube leads), 25 (76.2mm L X 10.7mm W X 7.6mm D, 900μm Hytrel loose tube leads), 31 (95.8mm L X 10.7mm W X 7.6mm D, 2.9mm Kevlar leads) and modular boxes.

Prod 43-	uct N	lumber:(F	or Corning SI	MF-28''''	Fiber)	
	Series 1,2	Fiber types 03= 100 kpsi 32= 200 kpsi	Coupling Ratio 05=06/95 50=50/50 "other ratios upon request	Port Configuration 1=1X2 2=2X2 9=1X2 wLBT	Pkg. Style 12, 22, 25 or 31	Connect or style 0 = none