

# C/L Band Fiber Optic Couplers

**NEW!**

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.



## Specifications for 50/50 Coupling Ratio

	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.

Product Number:(For Corning SMF-28™ Fiber)

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Series 1,2	Fiber types 03= 100 kpel 32= 200 kpel	Coupling Ratio 05=05/95 50=50/50 *other ratios upon request	Port Configuration 1=1 X 2 2=2 X 2 9=1 X 2 w/LRT™	Pkg. Style 12, 22, 25 or 31	Connect or style 0 = none
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