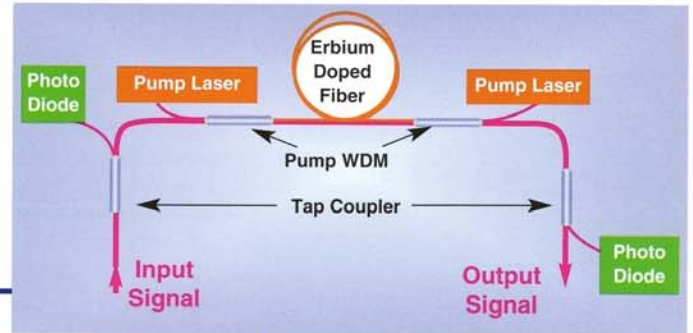


# Low Polarization Tap Couplers

These couplers were specifically designed to be used in conjunction with erbium-doped fiber amplifiers and other polarization sensitive applications.

*Gould components have low loss and minimal polarization sensitivity, ideal for EDFA applications.*



## Performance Table

Coupling Ratio		SERIES 1	SERIES 2
10/90	Insertion loss/Insertion loss (through) (tap)	≤ 0.7/10.5dB	≤ 0.7/10.5dB
	Maximum variation in tap leg	≤ 0.3dB	≤ 0.5dB
5/95	Insertion loss/Insertion loss (through) (tap)	≤ 0.35/13.5dB	≤ 0.35/13.5dB
	Maximum variation in tap leg	≤ 0.4dB	≤ 0.6dB
2/98	Insertion loss/Insertion loss (through) (tap)	≤ 0.2/18.0dB	≤ 0.2/18.0dB
	Maximum variation in tap leg	≤ 0.4dB	≤ 0.6dB
1/99	Insertion loss/Insertion loss (through) (tap)	≤ 0.15/21dB	≤ 0.15/21dB
	Maximum variation in tap leg	≤ 0.4dB	≤ 0.6dB

Note: The above specifications include effects due to wavelength (1530-1565 nm) and all states of polarization. Thermal stability 0 - 65°C, typical ≤ 0.2dB. Directivity (1x2) typical ≥ 50dB. Polarization sensitivity, typical ≤ 0.2dB.

### Options:

**Wavelength range:** 1530 - 1565 nm

**Package:** Comes in package style 12 and can be repackaged into 22, 25, 31 and modular boxes.

**Fibers:** 03 = Corning SMF 28™ (9/125), 100 kpsi  
32 = Corning SMF 28™ (9/125), 200 kpsi

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

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Series	Fiber types	Coupling ratio	Port configuration	Package styles	Connector style
1 or 2	03= 100 kpsi 32= 200 kpsi	01 = 1/99 02 = 2/98 05 = 5/95 10 = 10/90	1 = 1x2 2 = 2x2 9 = 1x2 with LRT™	12, 22, 25 or 31	0 = none See page 23