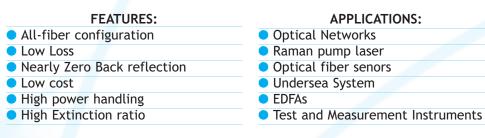


Polarization Maintaining Couplers

All-Fiber fused Biconical tapered configuration

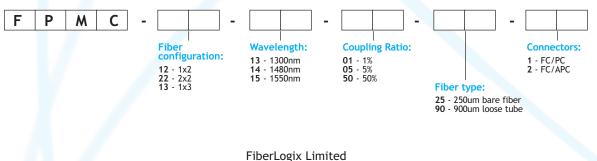




Optical Fiber Couplers are reliable passive devices for splitting optical signal in a number of optical network applications. **FiberLogix** manufactures All-Fiber couplers from proven fused technology with variety of optical performance at different wavelengths to fulfill system designer's requirements. These compact devices provide low insertion loss, extremely low back reflection, good extinction ratio and stability over a variety of environmental conditions. In house process expertize allows extremely tight control on the optical performance, quality and reliability. These devices are designed to meet Telcordia standards GR 1209 and GR 1221.

SPECIFICATIONS:	
Wavelength range nm	1300,1480 and 1550
Fiber configuration	1x2,2x2 and 1x3
Extinction Ratio(cross talk) dB	Typical 20, Max 23
Wavelength Dependent loss dB	0.1 (through) and 0.3 (cross)
Coupling Ratio	1, 5, and 50%
Insertion Loss (typ) dB	0.7
Directivity dB	>55
Return Loss dB	>70
Operating temp.	-5°C to 85°C
Storage temp.	-40°C
Fiber type	PM Panda fiber
Pigtail option	1m fiber standard, 900um optional

Ordering information:



Ashley House, Vales Industrial Park, Tolpits Lane, Watford, Herts WD18 9QP UK Tel: +44 (0)1923 777 766 Fax: +44 (0)1923 777 100 Email: sales@fiberlogix.com Web: www.fiberlogix.com