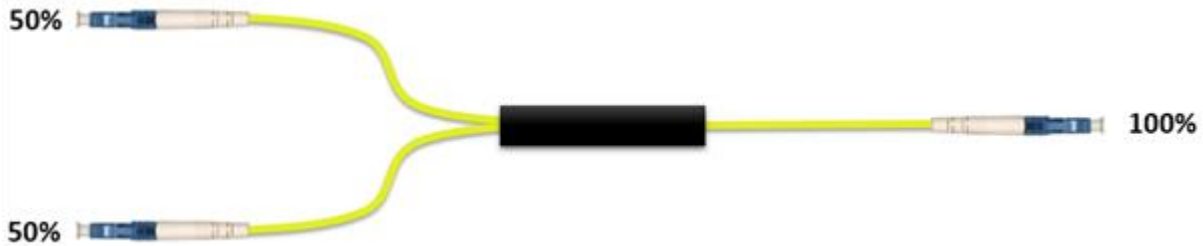


F-1x2SPLIT-50-3Y

Compact patchcord-style FBT-based power splitter/coupler



DESCRIPTION

Fused biconic taper (FBT) splitter is a type of optical power management device that is fabricated using several fibers fused together. It has high reliability and good channel-to-channel uniformity making it widely used in many types of optical networks. The patchcord-style form factor of this product makes it very convenient for use in data centers, desktop applications etc.

FEATURES

- Compact size
- High reliability
- Low residual insertion loss
- Protocol transparent (support GPON, 1G, 10G etc.)
- 3 mm patchcord style with 90x20x10 mm ABS box
- LC or SC connectors
- Approximately 1.5 meters total length
- Telcordia GR-1221-CORE and GR-1209-CORE compatible

TECHNICAL DATA

Parameter	Unit	Value
Split ratio		1×2
Operating Wavelengths	nm	1310 and 1550
Operating wavelength range	nm	± 40
Fiber Type		G.657.A1
Insertion Loss (typical)	db	3.5
Insertion Loss (max.)	dB	4.2
Loss Uniformity	db	< 0.4
Polarization Dependent Loss	dB	< 0.15
Return Loss	db	> 55
Directivity	dB	> 55
Operating Temperature	°C	-20 to +70
Storage Temperature	°C	-40 to +85
Dimensions ABS box	mm	90x20x10

ORDERING INFORMATION

Product number	Description
F-1x2SPLIT-50-3Y-LCU	Fiberworks 1x2 power splitter 50/50, 3 mm patchcord style, LC/UPC connectors
F-1x2SPLIT-50-3Y-SCU	Fiberworks 1x2 power splitter 50/50, 3 mm patchcord style, SC/UPC connectors