

F-1x2SPLIT-02ABC-O9L

2/98% All Band Coupler



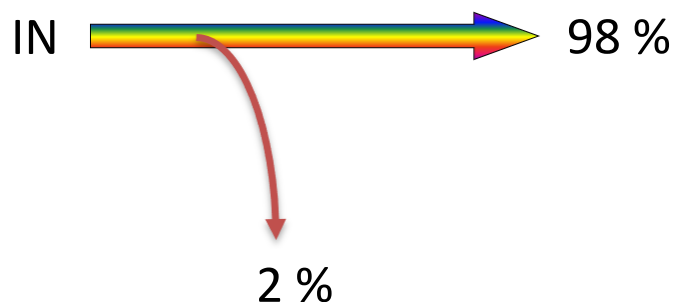
DESCRIPTION

This fiber optic coupler taps off 2% of the optical power on a singlemode fiber. It supports a wide range of wavelengths and can thus be used for monitoring all types of signals being transported on the fiber including CWDM. The compact size is ideal for installation in a splicing enclosure.

FEATURES

- Fused Biconical Taper (FBT) All Band Coupler
- 2/98 % power split ratio
- Supports wavelengths 1260-1620 nm
- Protocol transparent (support 1G, 10G etc.)
- 900 μm loose tube G.657.A1 fibers with LC/UPC connectors
- Tested for reliability according to Telcordia GR-1209-CORE/GR-1221-CORE

FUNCTIONAL DESCRIPTION



TECHNICAL DATA

Parameter	Unit	Value
Configuration		1x2
Power Split Ratio	%	2 / 98
Operating Wavelength	nm	1260 - 1620
Typical Excess Loss	dB	≤ 0.7
Insertion Loss	dB	≤ 18.75 / 0.7
Insertion Loss Uniformity	dB	≤ 0.4
PDL	dB	≤ 0.15
Directivity	dB	≥ 55
Return Loss	dB	≥ 50
Operating temperature	°C	-10 to +70
Storage temperature	°C	-40 to +85
Dimensions (L x Ø)	mm	40 x 3.0
Fiber Type		G.657.A1
Fiber Length	m	≈ 0.5


ORDERING INFORMATION

Product number	Description
F-1x2SPLIT-02-ABC-09	FBT Coupler 2/98% All Band, 40x3 mm cyl. G.657.A1, 900 µm fibers, 0.5 m, LC/UPC