Fused Couplers 2000nm

FEATURES:
- Low excess loss
- High directivity
- High power handling
- High return loss

APPLICATIONS:
- Power splitting
- Power monitoring
- Optical fiber sensors

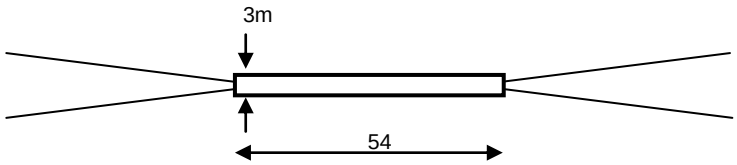
Phoenix single mode fiber couplers are designed for the 2 micron wavelength range. They are made by fusing and tapering two fibers together. The optical signal directed through the input fiber will be split into two at the fusion point. Phoenix can offer a variety of split ratios (with tap ratios from 10% to 50%). The couplers are available in 1x2, 2x2 and 2x4 configurations.

SPECIFICATION:	Units	1x2 or 2x2 Port Couplers
Wavelength[1]	nm	2000
Bandwidth	nm	+-15
Excess Loss	dB	0.3 (typ):0.6 (max)
Operating Temperature	^{0}C	-5 to +70
Storage Temperature	^{0}C	-40 to +85
Directivity	dB	>55
Fiber type		Nufern
Fiber lead lengths	mm	500
Dimensions	mm	54 x 3 dia

Notes:
1 Center wavelength can be tailored to customer requirements
Specifications on this product are being developed further and may change, please ensure that this is the latest available from the website.

PACKAGE STYLE:

Stainless steel tubing



PRODUCT ORDERING INFORMATION:

P F C - [ ] - [ ][ ][ ][ ] - [ ][ ][ ][ ] - [ ] - [ ]

Configuration:
1: 1x2
2: 2x2
4::2x4

Wavelength:
2000

Coupling ratio:
5050
6040
7030
8020
9010

Cable type:
0 – none
1 – 900μm loose tube

Connectors:
0 – none
1 – FC/SPC
2 – FC/APC

Phoenix Photonics Limited
Web: www.phoenixphotonics.com Email: sales@phoenixphotonics.com