

1×3/1×4 FBT Coupler

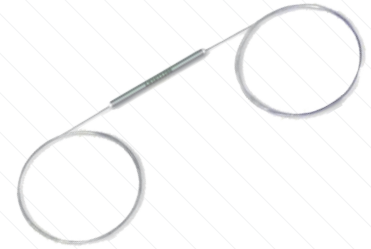
We use fused biconical taper technique to build a series of couplers. According to the different operating bandwidths, we have wide band couplers, dual window couplers, three-window couplers, and so on.

Features

- Low insertion loss and low PDL
- High reliability & High stability
- RoHS compliant

Applications

- EDFA
- CATV Passive network WAN
- FTTH



Specifications

Parameter		Value		
		1×3 Dual-Window Coupler(DWC)	3×3 Single Window Coupler(WBC)	1×4 Dual-Window Coupler(DWC)
Operating Wavelength	nm	1310/1550	1310/1550	1310/1550
Operating Bandwidth	nm	1310/1550±40	1310/1550±40	1310/1550±40
Insertion Loss	dB	≤5.8	≤5.8	≤5.8
Polarization Dependent Loss	dB	≤0.25	≤0.25	≤0.25
Uniformity	dB	≤1.0	≤1.0	≤1.0
Temperature Dependent Loss	dB	≤0.25	≤0.25	≤0.25
Return Loss	dB	≥55	≥55	≥55
Operating Temperature	°C	-40~+85	-40~+85	-40~+85
Storage Temperature	°C	-40~+85	-40~+85	-40~+85
Fiber Type		SMF-28e	SMF-28e	SMF-28e

Order Guide

Type	Package Dimension	Fiber Type	Connector Type
1: 1×3 Dual-Window	1:3*60mm	1: 250m bare fiber	0: without connector
2: 3×3 Single Window	2:3*54mm	2: 900m tight buffer fiber	1: FC/ PC 2: FC/UPC 3: FC/APC
3: 1×4 Dual-Window	3:3*40mm	X: Customized	4: SC/PC 5:SC/UPC 6: SC/APC
			7: ST 8: LC 9: MU X: Customized