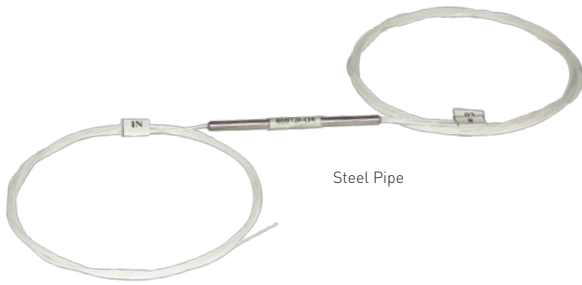


WDM & SPLITTERS



Steel Pipe



Plastic Box

Fused WDM

Fiber-Rex high performance WDMs, are used for multiplexing two different signals into a single fiber or to separate into two signals having separate wavelengths, from an incoming fiber. The 1310/1550 WDM is ideal for single fiber bi-directional communication systems.

Technical Specification

Parameter	1310/1550	Reflection channel isolation (dB)	>15
Operating wavelength (nm)	1310 and 1550	Directivity (dB)	>55
Operating bandwidth (nm)	±40	PDL (dB)	≤0.1
Transmission insertion loss (dB)	≤0.6	Operating temperature (°C)	0 ~ +70
Reflection insertion loss (dB)	> 50	Storage temperature (°C)	-40 ~ +85
Transmission channel isolation (dB)	>35	Dimensions (mm)	Φ5.5× L34

Ordering Information

WDM	Configuration	Wavelength	Package	Cable Type	Connector	Length (mts)
	A=1x2 B=2x2	1310/1550 1310/1490 980/1550	SP=Steel Pipe PB=Plastic Box	B=250µm 9=900µm 2=2mm 3=3mm	SC ST FC LC SC/APC	1M 2M 10M XXM

Fused Splitters

Fiber-Rex fused dual window splitters are specially designed and optimised for Fiber To The Home (FTTH) applications

Technical Specification

Parameter	Premium	Standard
Operating wavelength (nm)	1310 and 1550	
Operating bandwidth (nm)	±40	
Typical excess loss (dB)	0.07	0.1
Insertion loss (dB)	50/50	≤3.6
	40/60	≤4.7/2.7
	30/70	≤6.0/1.9
	20/80	≤7.9/1.3
	10/90	≤11.2/0.75
	5/95	≤14.6/0.4
	3/97	≤17.0/0.35
	2/98	≤18.8/0.3
	1/99	≤22.5/0.25
		≤23.5/0.35
PDL (dB)	≤0.15	≤0.2
Directivity (dB)	≥55	
Storage Temperature(°C)	-40 to 85	
Max Power Handling	500	
Package Dimension	Bare Fiber	Φ3.0×54
	900 µm Loose tube	Φ3.0×60
	2mm, 3mm Jacket	90x14x8.5(ABS BOX)

*The above specification is without connector

**Other specifications can be supplied to customer requirements

Ordering Information

SP	Configuration	Wavelength	Package	Cable Type	Connector	Length (mts)
	A=1x2 B=2x2 C=1X4	1310/1550 1310 1550	SP=Steel Pipe PB=Plastic Box	B=250µm 9=900µm 2=2mm 3=3mm	SC ST FC LC SC/APC	1M 2M 10M XXM