

1xN SM Coupler

Features

- ◇ Different combinations of coupling ratio
- ◇ Low crosstalk & excess loss
- ◇ High optical return loss
- ◇ Available in dual wavelength operation
- ◇ Optional connectors termination upon request
- ◇ Available in 250um & 900um fiber, 2mm or 3mm



jacket optical cable

Description

YOUXIN offers both tree and star type inline couplers/splitters. They provide a reliable solution to split/combine signals. The splitting ratio ranges from 1x2 to 1x32 ports for tree couplers, and from 2x2 up to 8x8 for star couplers. Single and dual wavelength windows are available.

Parameter

Item	Specification								
	Standard			Wavelength Flattened			Broadband		
Center wavelength	1310 or 1550 nm			1310 or 1550 nm			1310 & 1550 nm		
Bandwidth	±20 nm			±40 nm			±40 nm		
Star structure	4x4	8x8	16x16	4x4	8x8	16x16	4x4	8x8	16x16
Tree structure	1x4	1x8	1x16	1x4	1x8	1x16	1x4	1x8	1x16
Typical insertion loss	6.3	9.4	12.6	6.3	9.4	12.6	6.3	9.4	12.6
Max. insertion loss	7.1	10.6	14.3	7.6	11.5	14.5	7.7	11.7	15.5
Uniformity	0.7	1.0	1.3	1.5	2.2	3.0	1.9	2.8	3.7
Connector	FC/APC or SC/APC, others for client specify								
Directivity	>60 dB								
Operation temperature	-40 ~ +75°C								
Storage temperature	-40 ~ +85°C								
Dimension	90 x20x10mm plastic box 19inch, 1U								

Applications

- ◇ FTTH, LAN, PON & Optical CATV
- ◇ Local ring net



www.youfibercable.com

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- ◇ Optical fiber communication system
- ◇ Optical fiber test equipment
- ◇ Optical fiber sensor