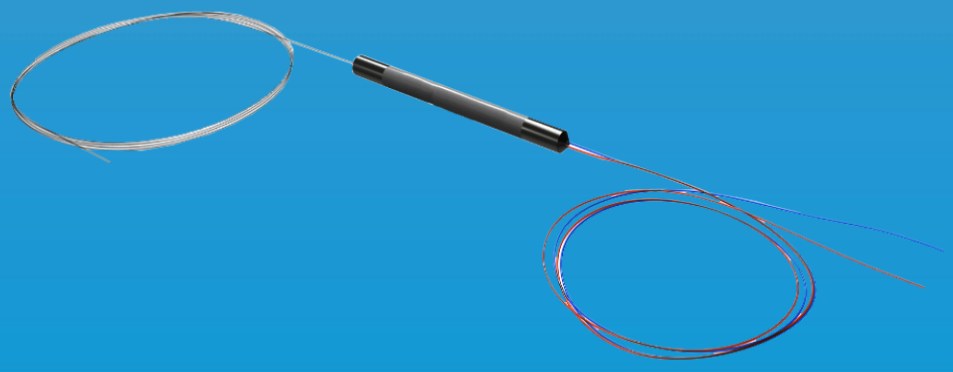
DIVISOR ÓPTICO 1X2 DESBALANCEADO

COMCAST GROUP



Overview

Optical splitters are passive components that perform optical signal splitting in a PON network. Unbalanced splitters are made up of one input fiber and 2 output fibers, which divide the power of the optical signal asymmetrically between them. That is, the power of the optical signal can be divided into different proportions according to the needs of each application. They are mainly used in FTTx / PON optical networks and in HFC (Cable TV) networks.

Available in two models:

- Connectorized splitters at the entrance and exits;

- Splitters not connectorized

Features

•Reduced Size (Φ2.4×25 mm)
• Wavelength: 1300 ~ 1500 nm
• High stability and reliability
• Low PDL
• Low loss
• Complies with Telcordia GR1209 and GR1221
• Operating Temperature (°C): -40 ~ +85
• PDL (dB): ≤0.15
• Directivity (dB): ≥50
• Insertion Loss (dB): 9.15~11.35/≤0.85
• 10/90
• Grade A

Aplicattion:

• FTTx/GPON
• Optical communication systems
• Test and Measurement

Specification

Parameter \ Type		Mini Size Standard Coupler			
Operating wavelength (nm)		1310 or 1550,others on request			
Operating bandwidth (nm)		±15			
Package size(Φ×L)mm		Φ3.0/Φ2.4×30; Φ2.4×25		Φ2.4×22; Φ2.0×18	
Grade		P	A	P	A
Typical excess loss (dB)		0.10	0.15	0.15	0.25
Insertion Loss dB）	50/50	≤3.5	≤3.7	≤3.6	≤3.7
	40/60	≤4.50/2.70	≤4.80/2.90	≤4.60/2.80	≤4.90/3.00
	30/70	≤5.80/2.00	≤6.10/2.10	≤5.90/2.10	≤6.30/2.20
	20/80	≤7.70/1.25	≤8.0/1.3	≤7.80/1.30	≤8.20/1.40
	10/90	9.35~11.15/≤0.70	9.15~11.35/≤0.85	9.50~11.30/≤0.75	9.30~11.50/≤0.85
	5/95	12.15~14.35/≤0.45	11.90~14.60/≤0.55	12.30~14.50/≤0.50	12.05~14.75/≤0.55
	3/97	14.20~16.70/≤0.35	13.90~17.00/≤0.45	14.35~16.85/≤0.4	14.05~17.15/≤0.45
	2/98	15.85~18.50/≤0.30	15.50~19.00/≤0.35	16.00~18.80/≤0.35	15.65~19.15/≤0.40
	1/99	18.70~21.15/≤0.25	18.30~22.20/≤0.30	18.85~21.80/≤0.30	18.45~22.35/≤0.35
PDL dB）		≤0.10	≤0.15	≤0.10	≤0.15
Directivity(dB）		≥50			
Operating temperature （℃		-40 ~ +85			

Please visit our website www.comcast-sa.com or contact your local sales representative.

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