

1X4, 1X8, 1X16 , 1X32

Dual Window 1xN Splitter Module

C08-0109-1.1



DESCRIPTION

These products are high port count devices that split and combine light over 80nm bandwidth at two operating wavelength region. Many wideband fused biconic taper couplers are cascaded in series to achieve the designed configuration. The products have good uniformity and low excess loss.

FEATURES

- ▶▶ Low insertion loss
- ▶▶ Low excess loss
- ▶▶ Excellent uniformity
- ▶▶ Low PDL
- ▶▶ Environmentally stable and reliable
- ▶▶ Wide wavelength range

APPLICATIONS

- ▶▶ CATV
- ▶▶ Telecommunication
- ▶▶ FTTH
- ▶▶ Local area networks
- ▶▶ Subscriber loop
- ▶▶ Test equipment

SPECIFICATIONS

Parameter	1x4	1x8	1x16	1x32
Grade	Premium	Premium	Premium	Premium
Operating Wavelength	1310 and 1550 nm ± 40nm			
Maximum Insertion Loss	7.0 dB	10.4 dB	14.0 dB	17.5 dB
Maximum Uniformity	1.0 dB	1.6 dB	2.4 dB	3.0 dB
Maximum Polarization Dependent Loss	0.3 dB	0.45 dB	0.6 dB	0.75 dB
Minimum Directivity	55 dB			
Maximum Thermal Stability	0.002 dB/°C	0.003 dB/°C	0.004 dB/°C	0.005 dB/°C
Operating Temperature	-40°C to + 85°C			
Storage Temperature	-55°C to + 85°C			
Package Dimensions (For ABS Type)	L:100 mm H:8 mm W:80 mm	L:140 mm H:10 mm W:90 mm	L:140 mm H:10 mm W:120 mm	—
Package Dimensions (For Rank Mount)	W:29 mm H:3U/133 mm D:127 mm	W:58 mm H:3U/133 mm D:127 mm	W:116mm H:3U/133 mm D:127 mm	—

* Value of specification are without connector loss.

ORDERING INFORMATION

