

Fused WDM

Descriptions

Fused WDM is fully compliant with Telcordia GR-1209/1221 reliability qualification requirement

Features

- ▶ Low Insertion Loss, Good Uniformity
- ▶ Low PDL
- ▶ High Isolation
- ▶ Excellent environmental stability and reliability



Applications

- ▶ EDFA Systems
- ▶ WDM Systems
- ▶ CATV Networks
- ▶ Fiber Optic Instruments

Specifications

Parameter	Unit	P Grade		A Grade	
Operating Wavelength	nm	980/1550			
Operating Bandwidth	nm	±10/20			
Insertion Loss	dB	≤0.15		≤0.25	
Isolation	dB	>24		>22	
PDL	dB	≤0.05		≤0.1	
Directivity	dB	≥55.00			
Operating Temperature	Deg.	-40~+85			
Storage Temperature	Deg.	-40~+85			
Package	mm	Bare Fiber	900um Loose Tube		900um/2mm/3mm loose tube
		3x54			ABS

Note: 1. Above specifications are for device without connector.
2. For devices with connectors, 0.3dB higher for IL.

Ordering Information

WDM - A - B - C - D - E - F - G - H		
A	Grade	P=Premium Grade, A=Average Grade
B	Configuration	1x2, 2x2, etc
C	Operating Wavelength	980/1550
D	Pigtail Type	B=250um bare fiber, 0.9=0.9mm loose tube, 2.0= 2.0mm loose tube, 3.0=3.0mm loose tube etc
E	Fiber Type	SMF-28e, ClearCurve® XB, ofs-16, ofs-20, HI 1060, HI 1060 Flex, etc
F	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, etc
G	Package Size	3x40mm, 3x45mm, 3x54mm, 90x16x10mm, etc.
H	Fiber length	005=0.5m, 010=1.0m, etc
For example: WDM-P-1x2-980/1550-0.9-HI1060- FC/APCx3-3x54-010		