Standard Wavelength Division Multiplexer

The Standard WDM is designed to split incoming signals into two signals with different wavelength. Using biconical taper technology, it features low insertion loss and polarization dependent loss. Optowaves' fused WDM devices has met Bellcore GR-1209-CORE requirements.

Features

- High Isolation
- Low Insertion Loss
- Low Polarization Dependent Loss

Applications

- fiber Amplifier
- Telecommunication
- CATV Fiberoptic Links

Specifications

Item	Unit	Specifications			
Operation Wavelength	nm	980/1550		1310/1550	
Operation Bandwith	nm	±10		±20	
Grade		P	A	P	A
Isolation	dB	>20	>18	>16	>15
Insertion Loss	dB	<0.30	<0.40	<0.30	<0.40
Polarization Dependent Loss	dB	<0.10	<0.13	<0.10	<0.13
Directivity	dB	>55			
Maximum Power Handing	mW	300			
Maximum Tensile Load	N	5			
Operating Temperature	°C	-40 to +70			
Storage Temperature	°C	-40 to +85			

Ordering Information

SWDM- □ □ □ □ □ □

- Connector Type: FC/APC, FC/UPC, SC/APC, SC/UPC or others
- Pigtail Length (Unit:M)
- Cable Type: 09:Φ0.9mm, 20:Φ2.0mm
- Grade: P:Permium, A:Grade A
- Type: 1:1×2, 2:2×2
- Wavelength: 095:980/1550nm, 135:1310/1550nm