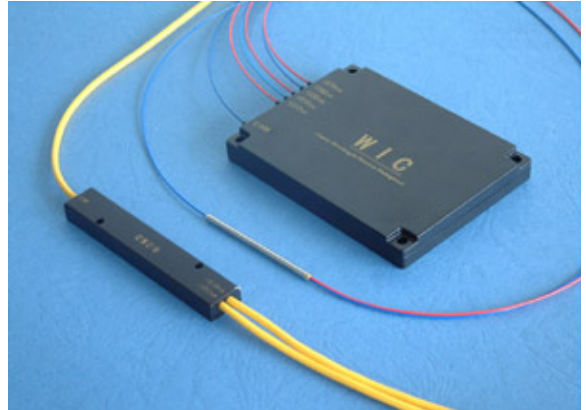




1480/1550NM WDM

Description

The 1480nm pump WDMs enable the combination of pump and signal in 1480nm pumped Erbium Doped fiber Amplifiers (EDFA). Both C-band and L-band versions of this component are available, providing a cost-effective alternative to filter based WDMs, particularly for single channel amplification.



Features

- Low insertion loss
- High wavelength isolation
- Low polarization dependence
- Environmentally stable

Applications

- Optical amplifiers
- CATV
- High speed communications
- WDM networks

Specifications

Characteristics	Unit	Value/Performance	
		1480 and 1550	1480 and 1590
Center Wavelength	nm	1480 and 1550	1480 and 1590
Bandwidth	nm	±5	±6
Insertion Loss	dB	≤0.25	
Isolation	dB	≥16	≥17
Polarization Dependent Loss	dB	≤0.1	
Thermal Stability	dB/°C	≤0.002 over -20 ~ +70°C	
Directivity	dB	≥60	
Configuration	-	1x2 or 2x2	
Lead Length	m	1, others on request	
Lead Type	-	250um bare fiber	
Package Type	-	A3	
Operating Temperature	°C	-40 ~ +85°C	

Dimensional Drawing

Please see coupler package information.

Ordering Information

Part Number: **WDM-12 5 SM 1 A3-0.75**

1 2 3

1 Configuration	12=1x2, 22=2x2
2 Wavelength	5 = 1480nm & 1550nm, 7 = 1480nm & 1590nm
3 Lead Length	0.75=0.75m

1480/1550NM WDM

Products manufactured in
ISO 9001 certified facilities



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