



1455/1550nm Wavelength Division Multiplexer

Product Features

- Low Insertion Loss & PDL
- High Channel Isolation
- Optical Path Epoxy Free

Product Applications

- DWDM and OADM networks
- Test Instrumentations
- Fiber Sensors
- EDFA, DWDM and OTDR

Specifications

Parameter	Unit	Value
Pass Band Wavelength Range	nm	1455±10
Typ. Insertion Loss	dB	0.8
Max. Insertion Loss	dB	1.0
Typ. Isolation	dB	35
Min. Isolation	dB	30
Reflection Band Wavelength Range	nm	1550±20
Typ. Insertion Loss	dB	0.5
Max. Insertion Loss	dB	0.6
Typ. Isolation	dB	15
Min. Isolation	dB	12
Min. Return Loss	dB	50
Max. Polarization Dependent Loss		0.1
Max. Optical Power	W	5
Max. Tensile Load	N	5
Fiber Type	-	SMF-28e Fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

* Above specifications are for devices without connectors

* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower

Ordering Information

FWDM	Wavelength	Pigtail Type	Fiber Length	Connector
1x2	1455nm pass 1550nm reflect Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify