



Single Mode Wavelength Division Multiplexers (1310/1550,1480/1550)

Features

Wide Bandwidth
Low Excess Loss
Excellent Performance
High Stability and Reliability

Applications

Telecommunications
CATV Network
Access Network
Optical Amplifier

Specifications

Parameters	Unit	Values	
Grade		P	
Center Wavelength		1310/1550	1480/1550
Operating Wavelength Range	nm	±20	
Bandwidth	nm	±10	±5
Min. Isolation	dB	20	13
Max. Insertion Loss	dB	0.3	0.4
Max. PDL	dB	0.1	
Thermal Stability	dB/	0.002 over -5 °C to +70 °C	
Min. Directivity		55	
Max. Optical Power (CW)	mW	500	
Max. Tensile Load	N	5	
Fiber Type		SMF-28e Fiber	
Package Dimensions	mm	250um Bare Fiber dia. 3.0X52 for 1310/1550, 3.0X70 for 1480/1550	
		900um Loose Tube dia. 3.0X60	
		3mm Loose Cable 90X16X9.0	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

*Above specifications are for device without connector.

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

Ordering Information

AWDM- - - - -

: Wavelength
3155 - 1310 & 1550nm
4855 - 1480 & 1550nm

: Grade
P - P Grade
S - Specify

: Port
1 - 1X2
2 - 2X2

: Connector Type on Port 1 & 2
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

: Fiber Jacket on Port 1 & 2
B - 250um Bare Fiber
L - 900um Loose Tube
C - 3mm Loose Cable
S - Specify

: Fiber Length
1 - 1.0m
S - Specify

