

Single Mode Wavelength Division Multiplexers 980/1550nm

Features

All Fiber Construction
High Reliability
Outstanding Optical Performance
Different Fiber Types Available

Applications

Fiber to the Home (FTTH)
Local Loop
Passive Optical Networks
Fiber Optic Sensing

Specifications

Parameters	Unit	Values
Center Wavelength	nm	980/1550
Operating Wavelength Range	nm	±15
Min. Isolation at 23°C	nm	20
Max. Insertion Loss	dB	0.2
Max. PDL	dB	0.1
Thermal Stability	dB/°C	≤ 0.002 over -5 °C to +70 °C
Min. Directivity	dB	55
Package Dimensions	mm	250um Bare Fiber dia. 3.0X40
		900um Loose Tube dia. 3.0X66
		3mm Loose Cable 90X16X9.0
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Fiber Type		980 Coupler Fiber
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

WDM-①①①①-②-③③-④④-⑤

①①①①: Wavelength
9855 - 980 & 1550nm

②: Port
1 - 1X2
2 - 2X2

③③: Connector Type on Port 1 & 2
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

④④: Fiber Jacket on Port 1 & 2
B - 250um Bare Fiber
L - 900um Loose Tube
C - 3mm Loose Cable
S - Specify

⑤: Fiber Length
1 - 1.0m
S - Specify