



Special Wavelength Division Multiplexer (WDM)



Overview:

Lightcomm manufactures different wavelength special WDM on customer request such as 980/1053nm, 980/1064nm, 1064/1550nm, 1550/1625nm WDM.

Features:

- * Low insertion loss
- * Low PDL
- * High wavelength isolation
- * High stability and reliability

Applications:

- * EDFA
- * Fiber sensors
- * Optical laboratory

Specification:

Parameter \ Type		980/1053	980/1060	1064/1550	1550/1625
Operating wavelength (nm)		980 and 1053	980 and 1060	1064 and 1550	1550 and 1625
Operating bandwidth (nm)		± 5	± 5	± 15	± 5
Insertion Loss (dB)	P	< 0.25			
	A	< 0.35			
Isolation (dB)	P	> 15	> 15	> 13	> 15
	A	> 13	> 13	> 17	> 13
PDL (dB)	P	< 0.10			
	A	< 0.15			
Directivity (dB)		> 55			
Operating temperature (°C)		- 40 ~ +35			

*Other specifications can be made on customer request.

Package Information:

Configuration	1×2 or 2×2		
Fiber lead length	1 meter, others on request		
Fiber type	250 μm bare fiber	900 μm loose tube	900 μm/2mm/ 3mm loose tube
Dimensions (φ × L)	φ 8.0mm × 54mm	φ 8.0mm × 70mm	90mm × 14mm × 3.5mm
	φ 2.4mm × 42mm	φ 8.0mm × 54mm	

*Other package dimensions can be made on customer request.

Ordering Information:

WDM-X-XXX-XXX-X---X---XX/XXX--XX*XX

