

1x2 DWDM

1x2 Dense Wavelength Division Multiplexer (DWDM) is a fiber component built with thin-film filter technology, it allows one specific DWDM wavelength to pass and reflect the other, it's widely used in WDM access network and fiber amplifier systems, the high isolation type is available upon request.

Application:

Telecommunication
WDM Access Network
Fiber Optic Amplifier
Lab And Research

Features:

Epoxy Free
High Isolation
Low Insertion Loss
Optical Path Reversibility



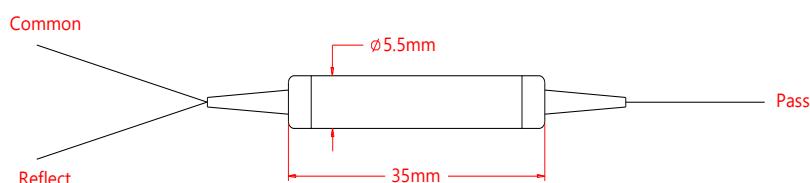
Specification:

Parameter	Symbol	Value		Unit
Center Wavelength	λ	ITU Grid		nm
Channel Spacing		100	200	GHz
Pass Band		0.3	0.5	nm
Max. Insertion Loss @Pass Channel	IL	1.0	0.9	dB
Max. Insertion Loss @Reflect Channel	IL	0.6	0.5	dB
Min. Isolation @Pass Channel	Iso	30		dB
Min. Isolation @Reflect Channel	Iso	13		dB
Max. Insertion Loss Temperature Sensitivity		0.5		dB
Max. Polarization Dependent Loss	PDL	0.1		dB
Max. Polarization Mode Dispersion	PMD	0.1		ps
Min. Directivity		50		dB
Min. Return Loss	RL	50		dB
Max. Optical Power (CW)	P	500		mW
Max. Tensile Load		5		N
Fiber Type		SMF-28e fiber		-
Operating Temperature	T	-5~75		°C
Storage Temperature	T	-40~85		°C
Package Dimension		Φ5.5×L35		mm

Notice: Above specifications are tested at center wavelength without connector in room temperature @23 °C.

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

Drawing:



Ordering Information (Part Number):

DWDM- WWW - SSS - D - J - LL - CC					
WWW	SSS	D	J	LL	CC
Wavelength	Channel Spacing	Package Dimension	Fiber Jacket	Fiber Length	Connector
C01 - 1577.03nm H01 - 1576.61nm . . . C60 - 1529.55nm H60 - 1529.16nm	100 - 100GHz 200 - 200GHz	1 - Φ5.5×L35mm 2 - 90x20x10mm S - Specify	B - 250um Bare Fiber 9 - 900um Loose Tube 2 - 2.0mm Loose Tube 3 - 3.0mm Loose Tube	05 - 0.5m 10 - 1.0m 15 - 1.5m 20 - 2.0m SS - Specify	NE - None FA - FC/APC FU - FC/UPC SA - SC/APC SU - SU/APC LA - LC/APC LU - LC/UPC SS - Specify