

DWDM Module

Dense Wavelength Division Multiplexer (DWDM) Module is a fiber component built with thin-film filter technology, it allows DWDM ITU wavelength to pass and reflect the other, it's widely used in Telecommunication and WDM Access Network 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



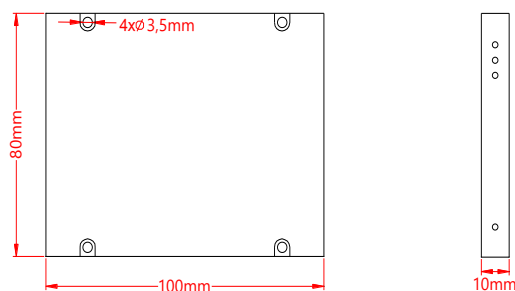
Specification:

Parameter	Symbol	Value				Unit
Center Wavelength	λ	ITU Grid				nm
Pass Band		0.3 @100G, 0.5 @200G				nm
DWDM Channel		2	4	8	16	-
Max. Insertion Loss @Pass Channel	IL	1.2	1.8	3.0	4.5	dB
Min. Isolation @Adjacent (mux)	Iso	30				dB
Min. Isolation @Non-Adjacent (mux)	Iso	40				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		100x80x10				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-UU-SSS-CC-D-J-LL-CC							
WWW	UU	SSS	CC	D	J	LL	CC
First CH Wavelength	Upgrade Channel	Channel Spacing	Channels	Package Dimension	Fiber Jacket	Fiber Length	Connector
C01 - 1577.03nm	0 - None	100 - 100GHz	01 - 1CH	1 - 100x80x10 ABS Box	B - 250um Bare Fiber	05 - 0.5m	NE - None
H01 - 1576.61nm	1 - Tap	200 - 200GHz	02 - 2CH	2 - 120x80x18 ABS box	9 - 900um Loose Tube	10 - 1.0m	FA - FC/APC
.	2 - 1310nm		04 - 4CH	3 - Rackmount	2 - 2.0mm Loose Tube	15 - 1.5m	FU - FC/UPC
.	S - Specify		08 - 8CH	4 - LGX box	3 - 3.0mm Loose Tube	20 - 2.0m	SA - SC/APC
.			16 - 16CH	S - Specify		SS - Specify	SU - SU/APC
C60 - 1529.55nm			SS - Specify				LA - LC/APC
H60 - 1529.16nm							LU - LC/UPC
							SS - Specify