DWDM Device

Features

- Low Insertion Loss
- High Isolation
- Low PDL
- Compact Design
- Wide Operating Wavelength: 1260nm~1620nm
- High Reliability and Stability
- Telcordia GR-1209-CORE-2001
- Telcordia GR-1221-CORE-1999
- RoHS

Applications

- DWDM System
- PON Networks
- CATV Links

Specifications

Parameters		Value	Unit
Center wavelength		ITU±0.05	nm
Passband		ITU±0.11	nm
Operating wavelength		C band	nm
Channel Space		100GHz(0.8)/ 200GHz(1.6)	nm
Fiber Type		SMF-28e or customer specified	
IL	Transmission band	1.0 Typical 0.6	dB
	Reflection band	0.3	dB
Isolation	Transmission band	28	dB
	Reflection band	12	dB
Ripple		0.5	dB
PDL		0.1	dB
PMD		0.1	PS
RL		45	dB
Directivity		45	dB
Maximum Optical Power		500	mW
Operating Temperature		-5～65	℃
Storage Temperature		-40～85	℃
Package Dimension (mm) (Φ×L)		Φ5.5*L34	mm
		Φ3.6*L26	

Notes:

1. Specified without connectors.
2. Add an additional 0.2dB loss per connector.

Mechanical Dimensions

Standard

Ordering information

DWDM	-	✖	✖✖✖	✖	✖	-	✖	✖	✖
		WDM Type	Center Wavelength	fiber Type	fiber Length		Com	Pass	Reflection
D=Dense		1=100G	C17=ITU Ch-17	B=Bare fiber	05=0.5m		0=None	0=None	0=None
W=Wavelength		2=200G	C21=ITU Ch-21	L=900um Loose Tube	10=1.0m		1=FC/UPC	1=FC/UPC	1=FC/UPC
D=Division							2=FC/APC	2=FC/APC	2=FC/APC
M=Multiplexer							3=SC/UPC	3=SC/UPC	3=SC/UPC
							4=SC/APC	4=SC/APC	4=SC/APC
							5=LC/UPC	5=LC/UPC	5=LC/UPC
							6=LC/APC	6=LC/APC	6=LC/APC