

CWDM 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

- ◆ CWDM System
- ◆ PON Networks
- ◆ CATV Links

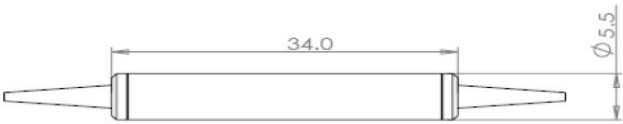
Specifications

Parameters		Value	Unit
Center wavelength		ITU, ITU+1	nm
Passband		ITU±6.5	nm
Operating wavelength		1460~1620 or 1260~1620	nm
Channel Space		20	nm
Fiber Type		SMF-28e or customer specified	
IL	Transmission band	0.7	dB
	Reflection band	0.4	dB
Isolation	Transmission band	30	dB
	Reflection band	12	dB
Ripple		0.3	dB
PDL		0.1	dB
PMD		0.1	PS
RL		45	dB
Directivity		50	dB
Maximum Optical Power		500	mW
Operating Temperature		-40~85	℃
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

CWDM	-	×	×××	×	×	-	×	×	×
		WDM Type	Center Wavelength	fiber Type	fiber Length		Com	Pass	Reflection
C=Coarse		1=CWDM 1460~1620nm	270=1270nm	B=Bare fiber	05=0.5m		0=None	0=None	0=None
W=Wavelength		2=CWDM 1260~1620nm	271=1271nm	L=900um Loose Tube	10=1.0m		1=FC/UPC	1=FC/UPC	1=FC/UPC
D=Division			350=1350nm				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