

DWDM Component

Description:

DWDM component is based on proven thin-film technology, it can be used in multi-channel DWDM module and other optical system. And DWDM module has been widely used in CATV, FTTH etc.

Dimensions:

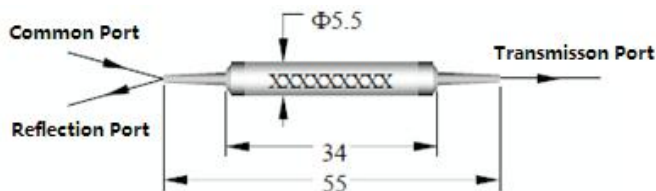


Features:

1. Wide pass band
2. Low insertion loss
3. Low PDL
4. High Channel isolation
5. High stability and reliability

Application:

1. DWDM Module
2. CATV
3. FTTH
4. Security & Protection System



Parameter:

Parameter		Specification	
Operating Wavelength (nm)		1260-1620	
Center Wavelength		ITU Grid	
Channel Space(Hz)		100G	200G
Channel Span (nm)		0.22	0.5
Center Wavelength Shift (nm)		0.05	0.1
Max.Insertion Loss (dB)	Transmission	1.2	
	Reflection	0.5	
Min.Isolation(dB)	Adjacent channel	>30	
	Non-adjacent channel	>40	
	Reflection channel	>15	
Max.PDL(dB)		0.1	
Min.Directivity(dB)		55	
Min.Return Loss(dB)		50	
Max.PMD(ps)		0.1	
Fiber Length(m)		1.0 or Customer request	
Fiber Type		SMF-28e	

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Fiber Packaging	Barefiber or Φ 0.9mm loose tube	
Thermal Stability(dB/°C)	0.005	
Max.Powerhandling(mW)	500	
Operating Temperature (°C)	-20~70	
Storage Temperature (°C)	-40~85	
Packaging Size (mm) (D*L)	Φ 5.5×L34	Φ 4.0×L25

Notes:

1.Above specification:without connector.