

EWDM Three-port Band Splitter

Features:

- Low Insertion Loss
- High Channel Isolation
- Epoxy-Free in Optical Path
- Telcordia Compliant
- RoHS Compliant

Applications:

- DWDM/CWDM System
- Laboratory R&D
- Linear Monitoring



Specifications^{1, 2}:

Parameter			Unit	Grade ² A ²			
Passband			nm	1310+/-50	1510+/-10	1550+/-20	1555+/-5
Stopband			nm	1550+/-50	1580+/-50	1480+/-15	1310+/-50 & 1480+/-20
Isolation	Pass Channel	Min.	dB	30	30	30	30
	Reflect Channel	Min.		15	13	13	20
Insertion Loss	Pass Channel	Max.	dB	0.7			
	Reflect Channel	Max.		0.4			
Ripple in Passband	Max.		dB	0.35			
Directivity	Min.		dB	50			
Polarization Dependent Loss	Max.		dB	0.1			
Polarization Mode Dispersion	Max.		ps	0.1			
Return Loss	Min.		dB	45			
Fiber Type				Corning SMF-28e			
Fiber Length	Min.		m	1.0			
Power Handling	Max.		mW	500			
Operating Temperature			°C	0~70			
Storage Temperature			°C	-40~85			
Package Dimension			mm	S: (f)5.5 '(L)32 for 250mm fiber			
				S: (f)5.5 '(L)39 for 900mm fiber			
				M: (f)3.6 '(L)34 for 250mm fiber			

1. All specifications include the effect of operating temperature and all states of polarization.
2. Values referenced without connectors.

Dimension:

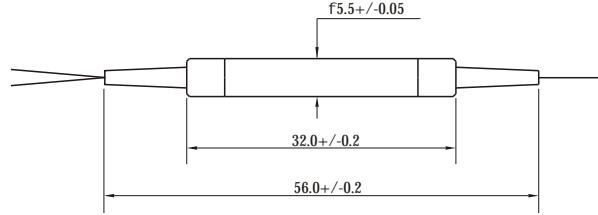


Figure 1. Package for 250mm fiber standard size

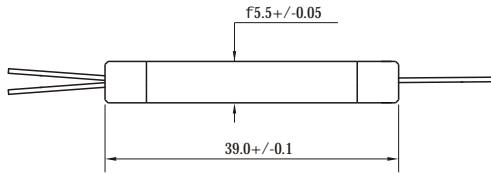


Figure 2. Package for 900mm fiber standard size

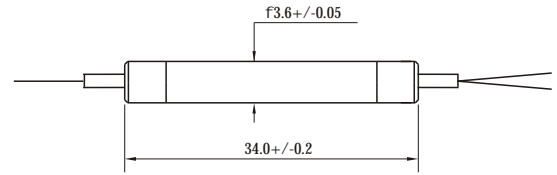


Figure 3. Package for 250mm fiber miniature size

Order Information:

EWDM - XX - XXXXXXXXXX - XXXX - XX
 A B C D

A	Grade	AS=Grade ² A ² , standard size	AM=Grade ² A ² , miniature size
		SS=Custom, standard size	SM=Custom, miniature size
B	Wavelength Band	1310/1550=1310 pass, 1550 reflect	
		1510/1580=1510 pass, 1580 reflect	
		1550/1480=1550 pass, 1480 reflect	
		1555/1380=1555 pass, 1310&1480 reflect	
C	Fiber Type	250S=250mm bare fiber	
		900L=900mm loose tube	
		900T=900mm tight buffer	
D	Connector	NN=W/O connector	
		XY=With connector ¹	

1. Please specify the type of connector as below when ordering.

Mechanical Type	Other	SC	FC	ST	MU	LC
X	0	1	2	3	4	5
Physical Contact Type	Other	PC	UPC	APC		
Y	0	1	2	3		