



## Coarse Wavelength Division Multiplexers (CWDM Series)

Coarse Wavelength Division Multiplexer series are designed and manufactured to Telcordia standard. The devices use environmentally stable Thin Film Filters and advanced packaging technology to achieve wide passband, low insertion loss, high channel isolation and excellent environmental stability. They can be used individually to perform single channel add or drop function or can be cascaded into sequence for multi-channel applications in CWDM systems.



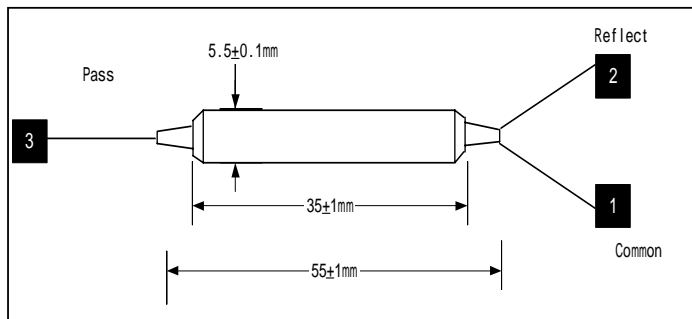
### Specifications

Parameters	Unit	Values
Center Wavelength	nm	1471 1491 1511 1531 1551 1571 1591 1611
0.5dB Pass Bandwidth	nm	13
Insertion Loss	dB	0.8
Reflection Insertion Loss	dB	0.6
Adjacent Ch. Isolation	dB	25
Optical Return Loss	dB	50
PDL	dB	0.1
Thermal Stability	dB/	0.005
Fiber Type		Corning SMF-28
Operation Temperature		-5 to +70
Storage temperature		-40 to +85

\*Above specification are for device without connector.

\*For devices with connectors, insertion loss will be 0.3dB higher, RL will be 5dB lower.

### Package Dimensions



### Ordering Information

**CWDM-** - - -

: Center Wavelength

47 - 1471nm  
49 - 1491nm  
51 - 1511nm  
53 - 1531nm  
55 - 1551nm  
57 - 1571nm  
59 - 1591nm  
61 - 1611nm  
SS - Specify

: Connector Type

1 - FC/UPC  
2 - ST/UPC  
3 - LC/UPC  
4 - FC/APC  
5 - SC/APC  
6 - SC/UPC  
S - Specify  
N - None

: Fiber Type

B - 250 um bare fiber  
L - 900 um loose tube

: Fiber Length

1 - 1.0m  
S - Specify