

PRODUCT INFORMATION SHEET

Coarse Wavelength Division Multiplexers (CWDM Series)

The 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.

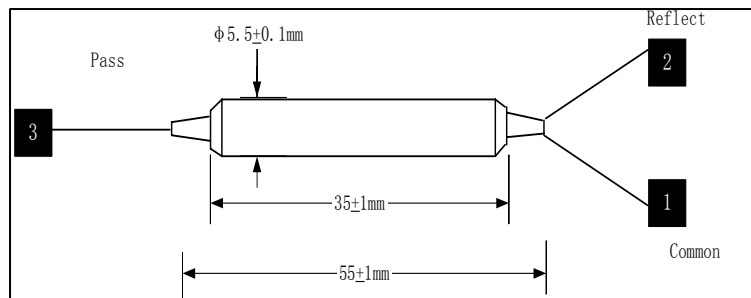
Specifications

Parameters	Unit	Values
Center Wavelength	nm	1471 - 1611 or 1470-1610
0.5dB Pass Bandwidth	nm	≥ 13
Insertion Loss	dB	≤ 0.6
Reflection Insertion Loss	dB	≤ 0.5
Adjacent Ch. Isolation	dB	≥ 25
Return Loss	dB	≥ 50
PDL	dB	≤ 0.1
Thermal Stability	dB/°C	≤ 0.005
Fiber Type		SMF-28 Fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

Package Dimensions



Ordering Information

CWDM-①①-②-③-④

① Center Wavelength

11 - 1471nm
10 - 1470nm
21 - 1491nm
20 - 1490nm
31 - 1511nm
30 - 1510nm
41 - 1531nm
40 - 1530nm
SS - Specify

② Connector Type

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

③ Fiber Type

B - 250um bare
L - 900um loose tube
S - Specify

④ Fiber Length

1 - 1.0 m
S - Specify