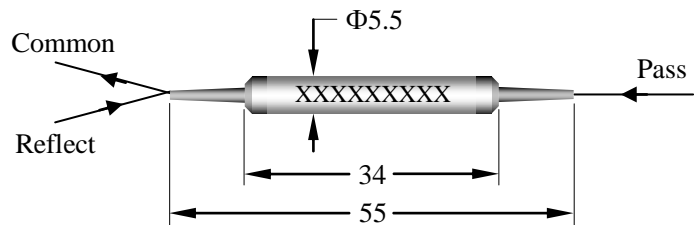


## Coarse Wavelength Division Multiplexer (CWDM)

### 1. Features:

- Low insertion loss
- High isolation
- High Return Loss
- Excellent environmental stability and reliability



### 2. Applications:

- CWDM System
- PON Networks
- Communication System
- Test Instrumentations
- CATV Links



### 3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

#### 4. Specifications:

Parameters		
Center wavelength (nm)		ITU, ITU+1
Passband (nm)		ITU±6.5
Operating wavelength (nm)		1460~1620 or 1260~1620
Channel Space (nm)		20
Fiber Type		SMF-28e or customer specified
IL (dB)	Transmission band	0.6
	Reflection band	0.4
Isolation (dB)	Transmission band	30
	Reflection band	12
Ripple (dB)		0.3
PDL (dB)		0.1
PMD (ps)		0.1
RL (dB)		45
Directivity (dB)		50
Maximum Optical Power (mw)		500
Operating Temperature (°C)		-40~85
Storage Temperature (°C)		-40~85
Package Dimension (mm) (Φ×L)		Φ5.5*L34

\*The specifications are w/o connector.

\* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

\* For device with connector, key aligned to slow axis.

#### 5. Product Ordering information:

CWDM		XX	X	XXX	XX	XX
Product Description	Port Type	Center Wavelength	Pigtail Type	Com&Ref&Pass Connector Type	Package Size	Fiber Length
CWDM	1X1	47=1470/1471	0=250um	0=None	34=5.5×34	05=0.5m
	1X2	61=1610/1611	1=900um	1=FC/UFC	35=5.5×35	08=0.8m
		F1=T13R15		2=FC/APC	38=5.5×38	10=1.0m
		F2=T15R13		3=SC/UPC		12=1.2m
		F3=T13R1415		4=SC/APC		
		F4=T14R1315		5=LC/UPC		
		F5=T15R1314		6=LC/APC		

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