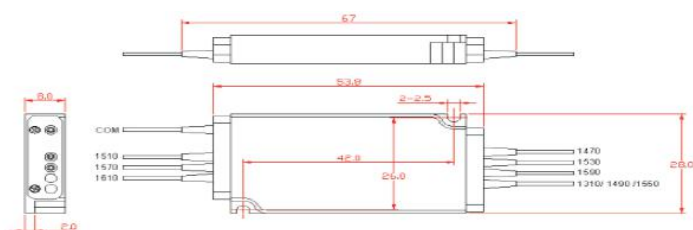


## CCWDM Module

### Description:

Compact Coarse Wavelength Division Multiplexers, as CCWDMs, are integrated optical modules using V.TORCH's Proprietary optical bench platform which significantly improve optical performance, while reducing manufacturing costs, in a package smaller than conventional CWDM modules. These CCWDMs are Telcordia qualified, it allows network applications using low-cost un-cooling lasers

### Dimensions:



### Features:

1. Wide pass band
2. Low insertion loss
3. Compact size
4. High stability and Reliability

### Application:

1. CWDM systems
2. CATV
3. FTTX systems
4. Security & Protection System

### Parameter:

Parameter		Units	Mux, Demux	
Operating Wavelength		nm	1260~1460, 1460~1620, 1260~1620	
Center Wavelength		nm	ITU or ITU+1	
Passband Rang Min		nm	CW±7.5	
Channel Number			4	8
Max. Insertion Loss		dB	1.5	2.0
Isolation	Adjacent	dB	>30	>30
	Non-Adjacent	dB	>40	>40
Max.PDL		dB	0.1	0.15
Channel Ripple		dB	≤0.3	≤0.3
Return Loss		dB	>50	>50
Fiber Length		m	1.0 or Customer request	
Fiber Type			SMF-28e	
Fiber Packaging		mm	Φ0.9	
Operating Temperature		℃	-10~+70	
Storage Temperature		℃	-40~+85	
Package Dimension		mm	53.8*28*8	
Connector Type			Customer request	

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**Notes:**

1. Above specification: without connector.
2. Wavelength: Follow customer request.