

Features

Low insertion loss
Low PDL
High channel isolation
Excellent environmental reliability



Applications

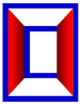
WDM System
MAN
CATV System

Technical Parameter

Parameters	Unit	HC-CWDM Device	
Wavelength Range	nm	1260 ~ 1620	
Channel Center Wavelength	nm	1270 / 1290 / ... / 1610 or 1271 / 1291 / ... / 1611	
Channel Spacing	nm	20	
Channel Passband	nm	$\lambda_c \pm 7.5$	
Insertion Loss	dB	Transmission: ≤ 0.6	
		Reflection: ≤ 0.4	
Adjacent Channel Isolation	dB	≥ 30	
Non-adjacent Channel Isolation	dB	≥ 40	
Reflection Channel Isolation	dB	≥ 15	
PDL	dB	≤ 0.1	
Wavelength thermal stability	nm/°C	≤ 0.003	
Insertion loss thermal stability	dB/°C	≤ 0.005	
Return loss	dB	≥ 45	
Optical Power	mW	≤ 500	
Operating Temperature	°C	-10 ~ +70	
Storage Temperature	°C	-40 ~ +85	
Relative Humidity	%	5 ~ 95	
Dimension	mm	$\Phi 5.5 \times 38$	$\Phi 4.0 \times 25$

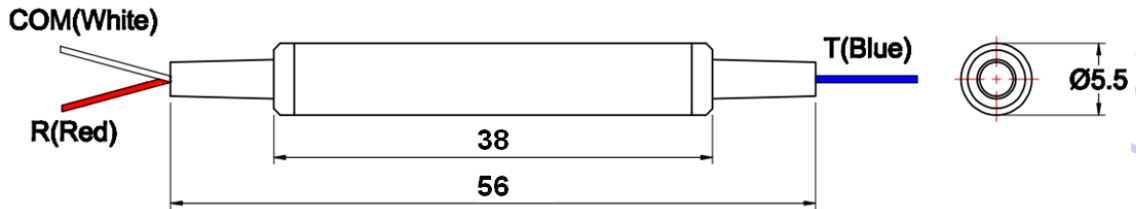
Note: 1. Customization is available.

2. Specified without connector, and add an additional 0.2dB loss per connector.

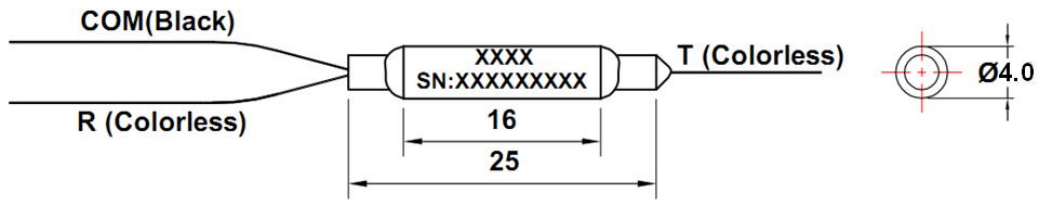


Dimension (Unit:mm)

Φ5.5×38 mm



Φ4.0×25 mm



Ordering Information HC-CWDM-A-B-C-D-E

A	B	C	D	E
Channel Center Wavelength	Tube Type	Fiber Length (Include connector)	Connector	Dimension
Txxx: xxxnm (xxx =Channel Center Wavelength) eg. T1470: 1470nm	25:250um 90:900um X: Others	05: 0.5m±0.05m 10: 1.0m±0.05m 15: 1.5m±0.05m X: Others	OO:None FP: FC/PC FA: FC/APC SP: SC/PC SA: SC/APC STP: ST/PC LP: LC/PC LA: LC/APC X: Others	5534: Φ5.5×34mm 4225: Φ4.2×25mm X: Others