

# Free-space Compact CWDM 1x8 (+1)



## FEATURES

- ✓ Compact Size (Custom)
- ✓ Unidirectional & Bidirectional WDM
- ✓ ITU Frequency Grid
- ✓ Ultra Stable & Highly Reliable

## APPLICATIONS

- Optical Add/Drop Multiplexing
- Telecom Networks
- Metro Networks

## Specifications

Parameter	Unit	Ultra Low Loss	P Grade	A Grade
Channel Number	CH	8 (+1)	8 (+1)	8 (+1)
Insertion Loss	dB	≤1.0	≤1.5	≤2.0
Fiber Type	/	SMF-28e Compatible; 900 μm Loose Tube		
Central Wavelength	nm	1271 to 1611; (OR) 1270 to 1610		
Passband Bandwidth	nm	≥13	≥13	≥13
Adjacent Channel Isolation	dB	≥30	≥30	≥30
Non-Adjacent Channel Isolation	dB	45	45	45
Com-Upgrade Port Isolation	dB	15	15	15
Return Loss	dB	≥45	≥45	≥45
Directivity	dB	≥55	≥55	≥55
PDL	dB	≤0.2	≤0.2	≤0.2
PMD	ps	≤0.2	≤0.2	≤0.2
Max. Optical Power	mW	300	300	300
Operating Temperature	°C	-5 to +70; (OR) -40 to +85		
Storage Temperature	°C	-40 ~+85		
Package (exclude boots)	mm	44 X 28 X 6; (OR) Custom		

Notes: All the data are tested without connectors. Insertion loss of one pair of connector is less than 0.3 dB.

## Order Information

	Grade	Operating Temperature	Wavelength	Fiber Length	Connector
CCWDM8(+1)	U	1= -5 to +70°C	1271 / 1270	0.50±0.05m	None
	P	2= -40 to +85°C	1291 / 1290	1.00±0.05m	LC/UPC
	A		...	Custom ...	LC/APC
				1611 / 1610	SC/UPC
					SC/APC
					Custom ...

