

Free-space Compact CWDM 1x18



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	Min	Typical	Max
Channel Number	CH		18	
Insertion Loss	dB		1.0	2.5
Fiber Type	/	SMF-28e Compatible; 900 μm Loose Tube		
Central Wavelength	nm	ITU CWDM Grid: 1271 to 1611; (OR) 1270 to 1610		
Passband Bandwidth	nm	13	15	
Adjacent Channel Isolation	dB	30	35	
Non-Adjacent Channel Isolation	dB	40	45	
Return Loss	dB	45		
Directivity	dB	55		
PDL	dB			0.2
PMD	ps			0.2
Max. Optical Power	mW			300
Operating Temperature	°C	-5 to +70; (OR) -40 to +85		
Storage Temperature	°C	-40 ~+85		
Package (exclude boots)	mm	50 X 50 X 7; (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
CCWDM18	Commercial	1= -5 to +70°C	1271 / 1270	0.50±0.05m	None
	Industrial	2= -40 to +85°C	1291 / 1290	1.00±0.05m	LC/UPC
			...	Custom ...	LC/APC
			1611 / 1610		SC/UPC
					SC/APC
					Custom ...

