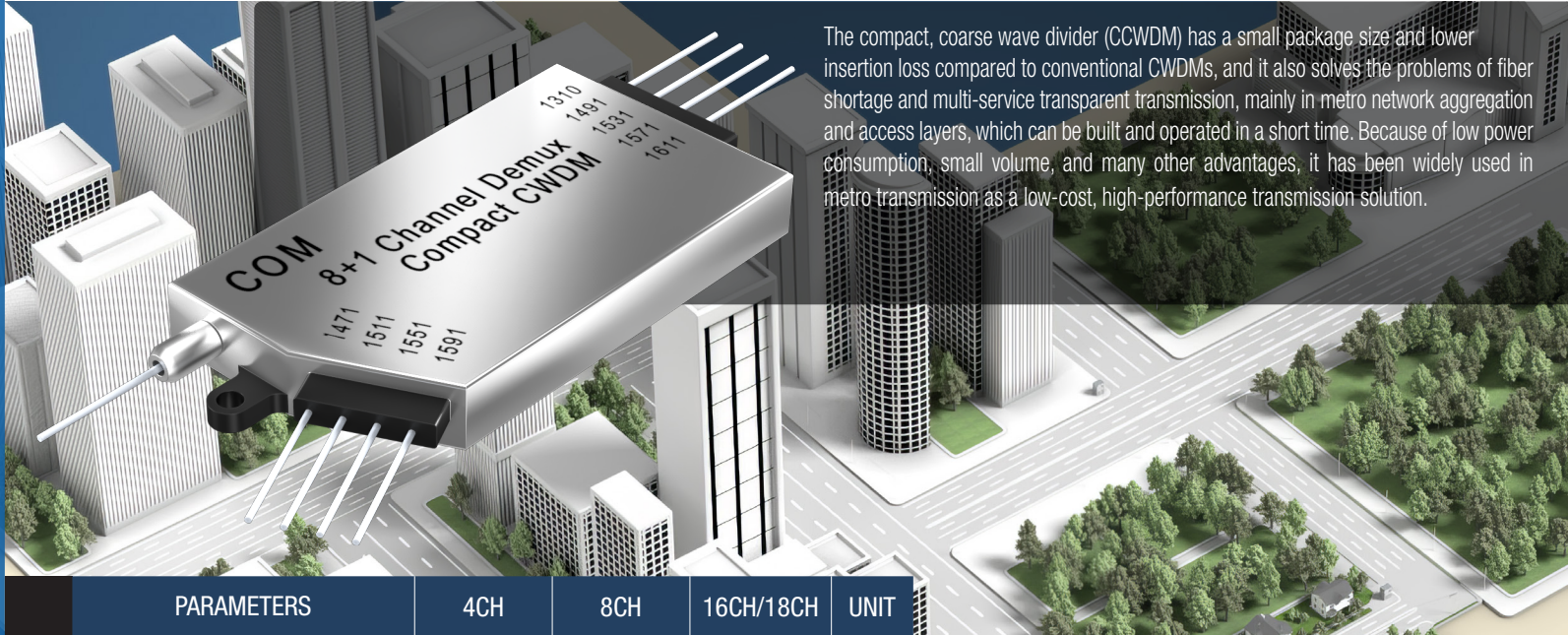


Mini Modules

PIONEERING CUSTOM FIBER OPTIC SOLUTIONS FOR YOUR UNIQUE NEEDS



The compact, coarse wave divider (CCWDM) has a small package size and lower insertion loss compared to conventional CWDMs, and it also solves the problems of fiber shortage and multi-service transparent transmission, mainly in metro network aggregation and access layers, which can be built and operated in a short time. Because of low power consumption, small volume, and many other advantages, it has been widely used in metro transmission as a low-cost, high-performance transmission solution.

SPECIFICATIONS	PARAMETERS	4CH	8CH	16CH/18CH	UNIT
	Operating Wavelength	1260-1620			nm
	Channel Wavelength	1270~1610/1271~1611			nm
	Channel Spacing	20			nm
	Operating Bandwidth	>13			nm
	UPG Wavelength	1310+/-50 or 1260~1457.5	NA		nm
	Passband Insertion Loss	≤1.2	≤1.5	≤2.7	dB
	Adjacent Isolation	≥30			dB
	Non-Adjacent Isolation	≥40			dB
	UPG Isolation	≥15			dB
	Ripple	≤0.3			dB
	Return Loss	≥45			dB
	Directivity	≥50			dB
	Insertion Loss Temperature Sensitivity	≤0.5			dB
	Wavelength Temperature Shifting	≤0.002			nm/°C
	Polarization Dependent Loss	≤0.2			dB
Polarization Mode Dispersion	≤0.2			ps	
Max Optical Power	300			mW	
Operating Temperature	-40~+85			°C	
Storage Temperature	-40~+85			°C	

FEATURES

- Low Insertion Loss
- Light Road is Glue-Free
- High Isolation
- High Stability And Reliability

APPLICATION

- Wave Division Multiplexing System
- Metronetwork
- Catv system

PACKAGE INFORMATION

Fiber Length	1 m, or others on request	
Fiber Type	G657A/Customize	
Pigtail Type	900um Loose Tube	
Dimensinons(mm)	Metal box L44×L25×H6	L50×L50×H6

*Notes: 1.Insertion Loss tested without connector

PIONEERING CUSTOM FIBER OPTIC SOLUTIONS FOR YOUR UNIQUE NEEDS

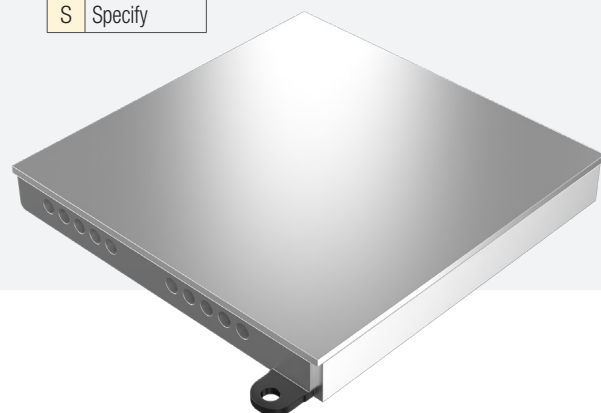
Toll free number 1-855-SNW-TECH
 Please contact your local sales representative for further details or questions.



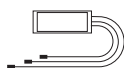
CCWDM MODULE

PIONEERING CUSTOM FIBER OPTIC SOLUTIONS FOR YOUR UNIQUE NEEDS

CCWDM	CHANNEL		START WAVE-LENGTH		PACKAGE TYPE		FIBER JACKET		FIBER LENGTH		CONNECTOR		TYPE	
	2	3Ch	27	1270	4C	44x25x6	25	250µm Bare Fiber	10	1m (Std.)	0	None	MU	Mux
	3	3Ch	29	1290	4C1	44x28x6	9L	900µm Loose Tube	15	1.5 Meter	A	SC/UPC	DE	Demux
	4	4Ch	18C	53.8x28x8	S	Specify	S	Specify	B	SC/APC	A	Mux-Demux
	5	5Ch	59	1590	18C1	54x32x7.4					C	FC/UPC	S	Specify
	6	6Ch	61	1610	50C	50x50x6					D	FC/APC		
	7	7Ch	271	1271	MM	Insert Box					E	LC/UPC		
	8	8Ch	279	1291	RM	Rackmount					Q	LC/APC		
	9	9Ch	LG	LGX Box					S	Specify		
ORDER INFORMATION	A	10Ch	591	1591	S	Specify								
	B	11Ch	611	1611										
	C	12Ch	S	Specify										
	D	13Ch												
	E	14Ch												
	F	15Ch												
	G	16Ch												
	H	17Ch												
	I	18Ch												
	J	18Ch												



OTHER PACKAGES



Mini Modules



Devices

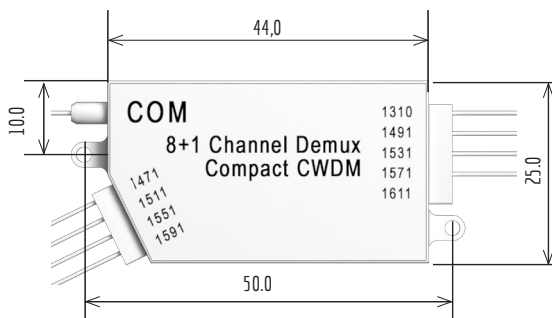


ABS Boxes

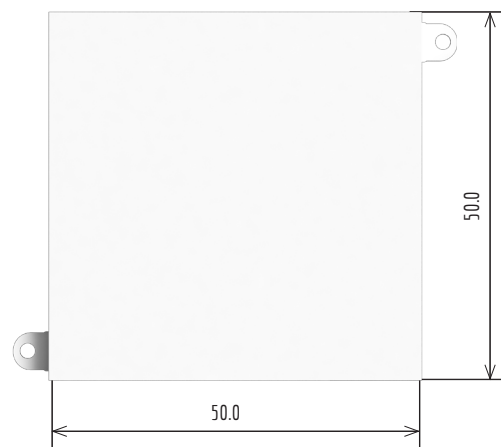


Plug in & LGX Packages

DIMENSIONS (Unit:mm)
for 4Ch / 8Ch Box



DIMENSIONS (Unit:mm)
for 16Ch / 18Ch Box



F4M-CWDM-8-55-4C-S-00-MU