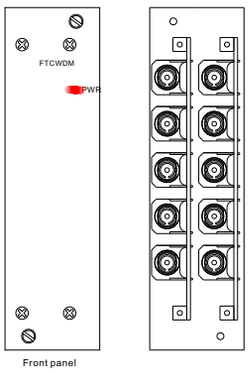
FT-CWDM

Coarse Wavelength Division Module



Front panel

Features

General

- FC or ST optical connector
- 9 different common CWDM wavelengths available
- Additional reverse wavelengths are used when reverse data, audio and contact closure are required
- Chassis mount structure, compatible with FT-C18
- Passive Optical module, no power required

Warranty

- Comprehensive Lifetime Warranty

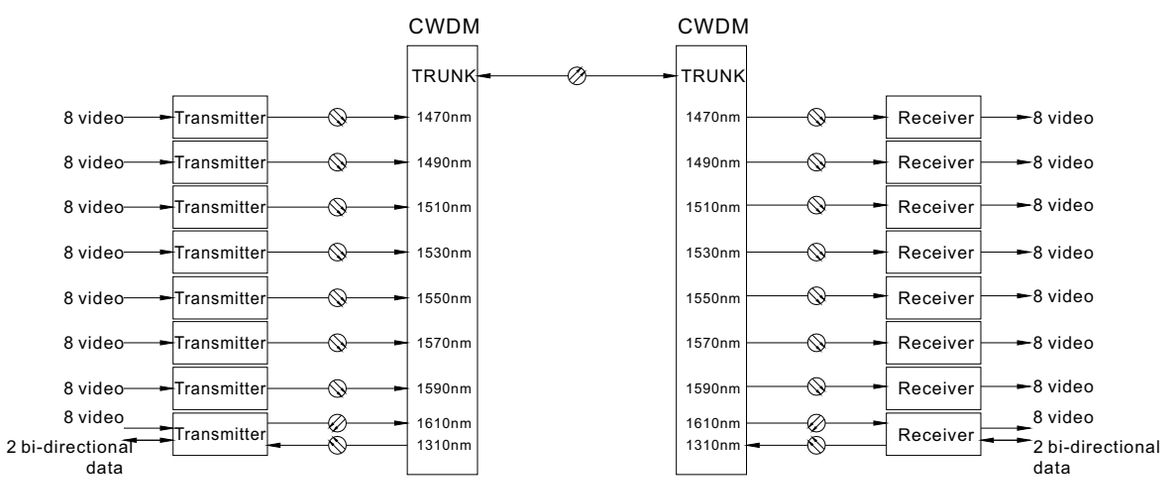
Video Transmission

Description

The FT-CWDM series supports up to 64 channels of video and optical data, audio and contact closure signals in either direction on a single fiber.

It provides a flexible solution for the transmission of complicated signals in limited fiber situations.

Typical Application



Specifications

CWDM Wavelength (nm)

X=2	1550, 1570
X=4	1510, 1530, 1550, 1570
X=6	1510, 1530, 1550, 1570, 1590, 1610
X=8	1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610
Reverse	1310

Optical Insertion Loss

T module	=< 3.0dB
R module	=< 3.0dB
T and R pair	=< 5.5dB
Resverse 1310nm	=< 1.5dB

Channel Isolation

Trunk Port	>30 dB

Electrical and Mechanical

Dimensions(WxHxD)	148 x 20.4 x 213mm (1 slot) 148 x 40.8 x 213mm (2 slot)
Shipping Weight	0.5kg (Max)
No. of rack slots	1 / 2

Environmental

Operating Temp	-40°C to +75°C
Storage Temp	-40°C to +85°C
Relative Humidity	0 to 95% non-condensing
MTBF	> 100,000 hours

Ordering Information

Fiber Type	Part Number	Description	Wavelengths (nm)	Optical Power Budget (dB)	Max. Distance (Km)	No. of slots
N/A	**FT-CWDM-TX**	X Channel Optical CWDM module Transmitter				
	FT-CWDM-TXR	X Channel Optical CWDM module Transmitter with Reverse Wavelength Tap module				
	FT-CWDM-RX	X Channel Optical CWDM module Receiver				
	FT-CWDM-RXR	X Channel Optical CWDM module Receiver with Reverse Wavelength Tap module				

Options	▪ X denotes the number of different forward wavelengths used in CWDM
Rack Mount Chassis	▪ FT-C18 is to be purchased separately. Please refer to accessories section for the details.

Notes:
- Transmission distance will suffer if additional losses are introduced by the optical connectors, fusions, splices and the fibers within the network.
- Please feel free to consult factory for any special requirement and customization.