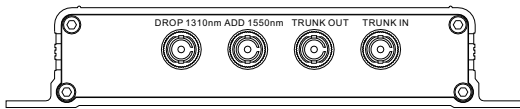


FT-AD

Add / Drop Module



■ Features

General

- ▶ FC or ST optical connector
- ▶ 9 different common CWDM wavelengths available
- ▶ Inserts one wavelength at different location and tap off another wavelength in reverse direction for return data over a single fiber
- ▶ Video, data, audio and contact closure signals can be added to or dropped off over eight different locations along a single fiber
- ▶ Standalone or chassis mount structure, compatible with FT-C18
- ▶ Passive Optical module, no power required

Warranty

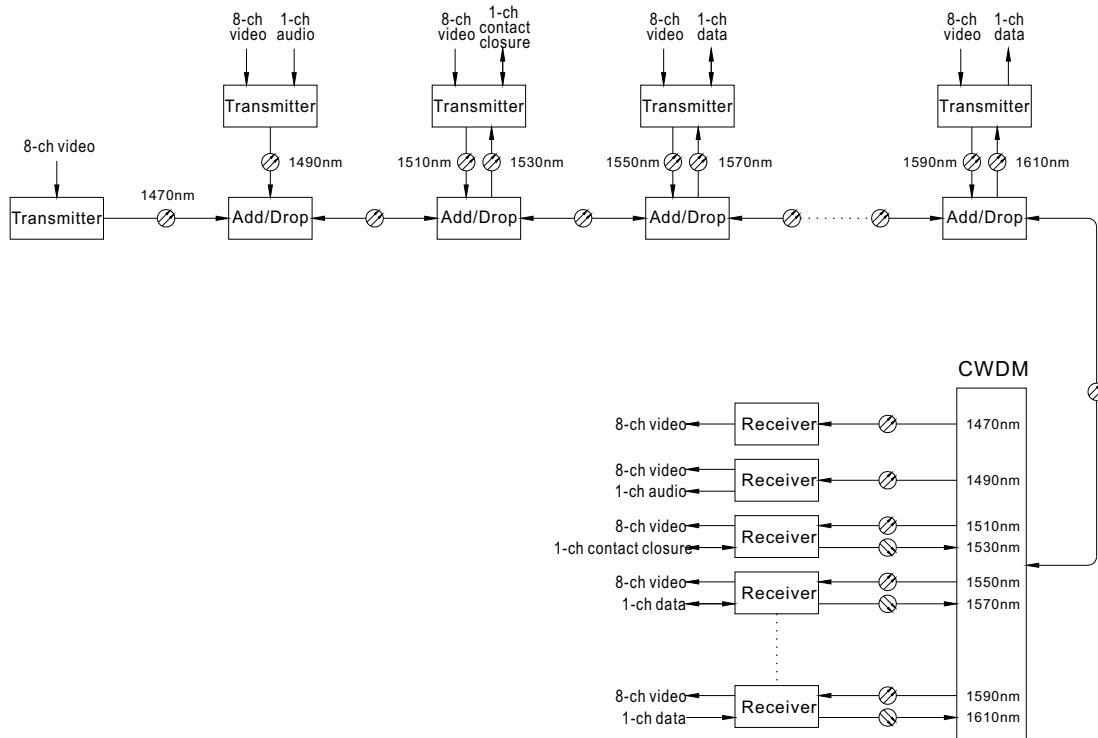
- ▶ Comprehensive Lifetime Warranty

Description

The FT-ADD/DROP series supports video, data, audio and contact closure signals to be added to or dropped off over eight different locations along one single-mode fiber.

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

■ Typical Application



Specifications

CWDM Wavelength (nm)

A	1470
B	1490
C	1510
D	1530
E	1550
F	1570
G	1590
H	1610

Add/Drop Wavelength Insertion Loss Return

Add / Drop Port	=< 1.5dB
Reverse Tap Port	=< 13.5±1dB

Channel Isolation

Trunk Port	>30 dB
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Electrical and Mechanical

Dimensions(WxHxD) (Standalone)	156 x 30.5 x 223mm(Max)
Dimensions(WxHxD) (Rack Mount)	148 x 40.8 x 213mm(Max)
Shipping Weight (Standalone)	0.75kg(Max)
Shipping Weight (Rack Mount)	0.3kg(Max)
No. of rack slots	1

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-AD-X	CWDM 1 Channel Optical Add/Drop module				
	FT-ADT-X	CWDM 1 Channel Optical Add/Drop module with Reverse Wavelength Tap module				

Options	<ul style="list-style-type: none"> X denotes the nine different wavelengths used in CWDM, represented by alphabets A to I by definition indicating 1470nm to 1610nm at an interval of 20nm. For Standalone type, please add "SA". E.g. FT-AD-XSA
Power Adaptor	<ul style="list-style-type: none"> Power adaptor is included for Standalone type only.
Rack Mount Chassis	<ul style="list-style-type: none"> FT-C18 is to be purchased separately. Please refer to accessories section for the details.

Notes:	<ul style="list-style-type: none"> 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.
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Video Transmission

