



## CWDM Mux/Demux, Optical Splitter

### CWDM Mux/Demux

Canare CW series is bi-directional Mux/DeMux of up to 16 wavelengths. You can send/receive 16ch of HD-SDI signals in one fiber. Incredibly compact module FCWDM-8 enables 8 EO/OE modules and CWDM within 1RU frame.

Model	Description
★FCWDM-8	Module Type for 161UPSC, 1x 8CWDM
★FCWDM8/1	1RU Rack Mount Type, 1x 8CWDM
★FCWDM8/2	1RU Rack Mount Type, 2x 8CWDM
★FCWDM16	1RU Rack Mount Type, 1x 16CWDM

★Production by order

#### Key Features and Benefits

- Bi-directional 8 or 16 wavelengths.
- Passive and stand-alone products.
- FCWDM-8 can be loaded into 161UPSC.
- Easy to use - Just plug in SC-type connectors.
- Cost Effective



(Rear View)



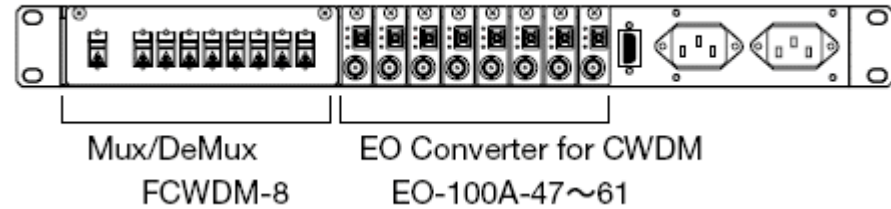
#### FCWDM 8/1



(Rear View)

#### FCWDM16

<Loading example (rear view of 161UPSC)>



#### Specifications

Model	FCWDM-8	FCWDM8/1(8/2)	FCWDM16
Wavelength	1471 to 1611nm		1271nm to 1611nm
Channel Spacing	20nm		20nm except for 1372 to 1431nm
Passband width	>15nm		>13nm
Insertion Loss	<2.5dB		<3.3dB
Isolation	>30dB		
Reflection Attenuation	≥45dB		
Operating Temperature	0 to 70°C		
Dimensions	146x 43.4x 82mm	482.6x 44x 362.3mm	
Weight	255 g	2520g (2696g)	2550 g

### Optical Splitter

Model	Wavelength	Description
★FDM-2 <b>NEW</b>	1260 to 1610nm	1x2 Splitter for Single Mode Fiber
★FDM-4 <b>NEW</b>		1x4 Splitter for Single Mode Fiber

★Production by order.

#### FDM-2



Slot Occupancy : 3 slots  
Dimensions : 54 x 43.4 x 82 mm  
Weight : 83g

#### FDM-4



Slot Occupancy : 4 slots  
Dimensions : 72 x 43.4 x 76.2 mm  
Weight : 110g

#### Key Features and Benefits

- Divides single optical input into multiple optical output.
- Passive and stand-alone products.
- Can be loaded into Canare power supply units.
- Easy to use - Just plug in SC-type connectors.
- Low insertion loss.

#### Insertion Loss

