



## About CanaBridge

*The professionals' choice*

A sub brand "CanaBridge" is established by Canare. Providing simple and affordable solutions of video signals, bridging long lasting Canare users between new generation of SNS video creators.

CanaBridge video converters will give you smart move on HDMI, 3G-SDI, and 12G-SDI interconnects. Canare engineers its development and quality verification. All CanaBridge products are equipped with light weight and sleek aluminum chassis.

## CanaBridge **5** Identities

### **01** *Superb Combination*

We raised the bar on mini converters solutions. CanaBridge converters connected with Canare products are superb combination.

### **02** *Professional Support*

Canare is here to assist you all the time. All CanaBridge products include one-year hassle free exchange program. In addition, We will provide the best sales support as well as after sale service.

### **03** *Stable Performance*

CanaBridge converters will deliver stable performance even under demanding environments. It meets your expectation without any surprises.

### **04** *Fully Engineered*

Canare engineers invest engineering effort and whole enthusiasm into CanaBridge products. Verified technical accuracies and put it into original aluminum case.

### **05** *Solid*

CanaBridge has been looking at cutting-edge technologies, appropriate materials, and standardized processes.

Website



*Lifetime Support*  
CanaBridge 5 Identities Guarantees

**5** CanaBridge  
Identities Guarantees 

### 12G-SDI Solutions

#### CB-1120 (TX and RX) New

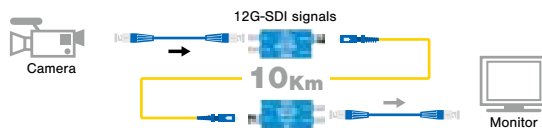
#### 12G-SDI Fiber Optic Extender

##### Key Features and Benefits

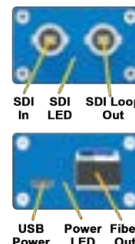
- 12G/6G/3G-SDI input & loopout on transmitter
- Dual 12G-SDI outputs on receiver
- Supports up to 12G bandwidth
- SDI input automatic switching SD, HD, 3G, 6G, 12G-SDI
- 10km transmission distance



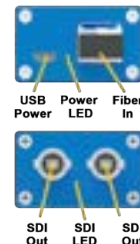
12G-SDI



CB-1120-TX



CB-1120-RX



##### Specifications

Model	CB-1120 (TX and RX)
Power	Micro USB
Power Consumption	2.0W (Max)
Voltage Range	USB 3.3-5.5 V
Dimension	72.4 × 41 × 24.6 mm
Net Weight	Transmitter: 115 g, Receiver: 115 g
Gross Weight	960g

#### CB-8120 New

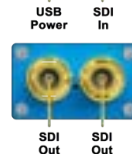
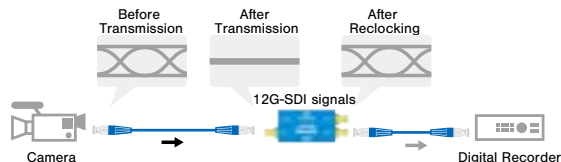
#### 12G-SDI 1 × 2 Signal Repeater

##### Key Features and Benefits

- Input: 1 × 12G-SDI, Output: 2 × 12G-SDI
- Support DVB-ASI signal
- Automatically detects SD, HD, 3G, 6G, 12G-SDI
- Automatic cable equalization and signal retiming
- Detachable bracket design for wall mounting



12G-SDI



##### Specifications

Model	CB-8120
Power	Micro USB
Power Consumption	1.0W (Max)
Voltage Range	USB 3.3-5.5 V
Dimension	72.4 × 41 × 24.6 mm
Net Weight	110 g
Gross Weight	470g

#### CB-8130 New

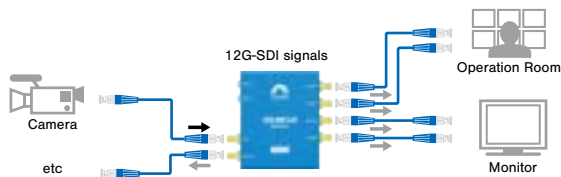
#### 12G-SDI 1 × 5 Reclocking Distribution Amplifier

##### Key Features and Benefits

- 12G/6G/3G/HD/SD-SDI multi-rate signal processing
- 5 buffered and re-clocked outputs
- Support DVB-ASI signal (OUT1, 4, 5)
- Automatic cable equalization and signal retiming
- All ancillary data is passed to the outputs



12G-SDI



##### Specifications

Model	CB-8130
Power Supply	Threaded locking DC connector
Voltage Range	DC 6-23 V
Power Consumption	3W (Max)
Dimension	125.5 × 102 × 27.5 mm
Net Weight	310 g
Gross Weight	950 g

*Lifetime Support*

*CanaBridge 5 Identities Guarantees*

**5** CanaBridge Identities Guarantees



# ANNEX: Regional Product Catalog

## CanaBridge Mini Converters

### 3G-SDI Solutions

**CB-2011**  
3G-SDI to HDMI mini Converter

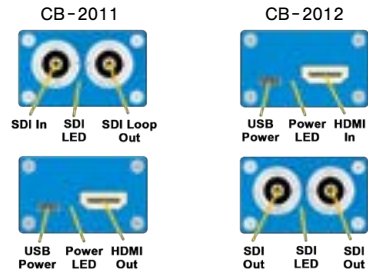
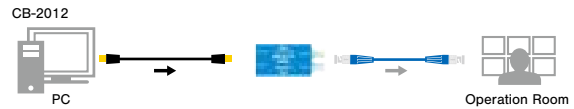
**CB-2012**  
HDMI to 3G-SDI mini Converter

#### Key Features and Benefits

- Being made for Broadcast equipment
- Powered Anywhere
- Pocket Size and Easy to Mount

#### Specifications

Model	CB-2011	CB-2012
Power	Micro USB	
Power Consumption	2.5W (Max)	2W (Max)
Voltage Range	USB 3.3-5.5 V	
Dimension	72.4 × 41 × 24.6 mm	
Net Weight	110 g	
Gross Weight	470 g	



**CB-2021**  
3G-SDI to HDMI & AV Scaling Converter

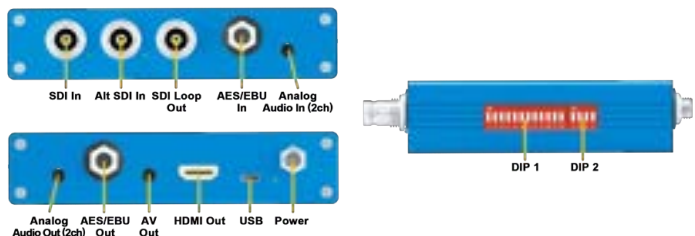
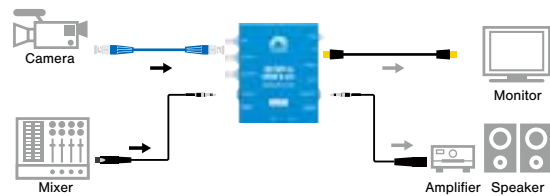
#### Key Features and Benefits

- Up/down scaling and frame rate conversion
- AES/EBU or Analog Audio Embedding & De-embedding
- Input signal automatic detection and configuration
- LED indicators for power and signal lock



#### Specifications

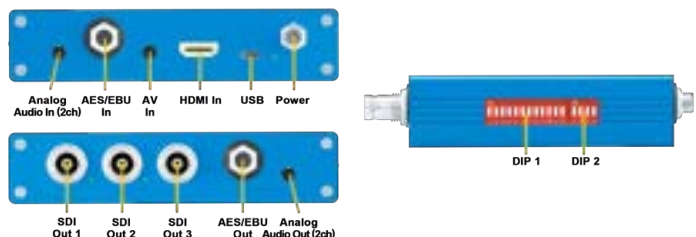
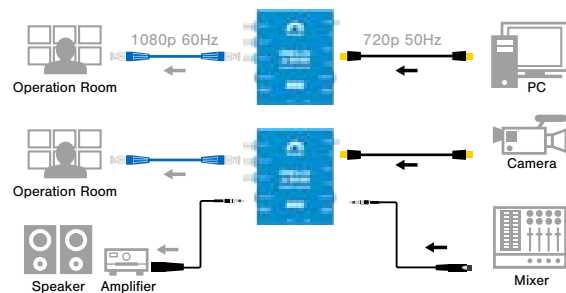
Model	CB-2021
Power	Threaded locking connector
Power Consumption	6W (Max)
Voltage Range	DC 6-24 V
Dimension	125.5 × 101.4 × 27.5 mm
Net Weight	310 g
Gross Weight	995 g



**CB-2022**  
HDMI & AV to 3G-SDI Scaling Converter

#### Key Features and Benefits

- Up/down scaling and frame rate conversion
- AES/EBU or Analog Audio Embedding & De-embedding
- Input signal automatic detection and configuration
- LED indicators for power and signal lock



Website



*Lifetime Support*  
CanaBridge 5 Identities Guarantees

**5** CanaBridge  
Identities Guarantees



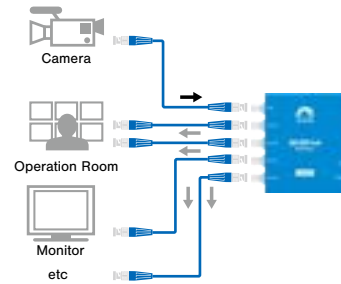
**3G-SDI Solutions**

**CB-8010**

**3G-SDI 1 × 4 Distribution Amplifier**

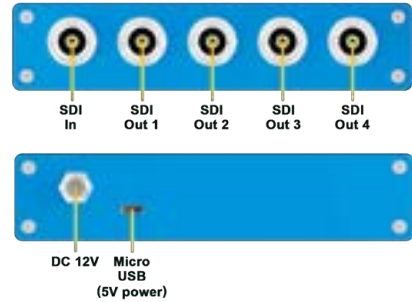
**Key Features and Benefits**

- Automatically detects SD, HD and 3G-SDI
- 4 buffered and re-clocked outputs
- 3G/HD/SD-SDI multi-rate signal processing
- Output 2 & 4 support DVB-ASI signal
- Automatic cable equalization and signal retiming



**Specifications**

Model	CB-8010
Power	Micro USB or Threaded locking DC connector
Power Consumption	1.5W (Max)
Voltage Range	USB 5V, DC 5-17 V
Dimension	125.5 × 101.4 × 27.5 mm
Net Weight	310 g
Gross Weight	920 g

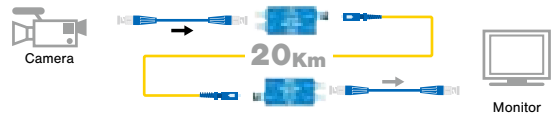


**CB-1010 (TX and RX)**

**3G-SDI Fiber Optic Extender**

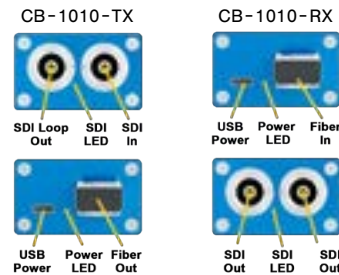
**Key Features and Benefits**

- 20km transmission distance
- Support 3Gbit Level A and Level B (all formats)
- SFP/LC Fiber transmitter & receiver
- SDI equalization and re-clocking
- 3G-SDI input & loopout on transmitter



**Specifications**

Model	CB-1010 (TX and RX)
Power	Micro USB
Power Consumption	1.5W (Max)
Voltage Range	USB 3.3-5.5 V
Dimension	72.4 × 41 × 24.6 mm
Net Weight	Transmitter: 115 g, Receiver: 115 g
Gross Weight	750 g



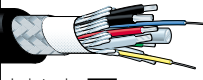
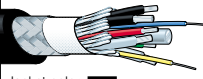
# ANNEX: Regional Product Catalog

For European Market

Canare Europe GmbH is expanding its cabling product portfolio to meet European construction requirements. In Canare quality/performance, we made installation cables with appropriate FRNC and LSZH materials for broadcast infrastructures and ProAV installations.

## Hybrid Fiber-optic Camera Cables (SMPTE ST311)

👑: Bestselling products

Type	Model	Sales Units (m)	Nom. O.D. (mm)	Weight kg/100m	Outer Jacket	Overall Shield	Tension Tolerance (N)	Strength Member O.D. (mm)	Min. Bend Radius	Temp. Range (deg C)	Channel Unit		
											Fiber	Aux. (Power)	Signal (Control)
 Jacket color: <b>BLK</b>	👑 <b>LF-2SM9N-PUR</b>	Call	9.2	12.0	PUR	9/24/0.10TA 91%	700	2.6	6 × Nom. O.D.	-40 to +75	2 × SM 9/125 (low-water-peak) Unit O.D. 0.9 mm	4 × 20 AWG 21/0.18TA Unit O.D. 1.7 mm	2 × 25 AWG 7/0.18TA Unit O.D. 1.2mm
 Jacket color: <b>BLK</b>	👑 <b>LF-2SM9-FRNC</b> <small>CPR Eca</small>	Call	9.2	12.0	FRNC	9/24/0.10TA 91%	700	2.6	6 × Nom. O.D.	-40 to +75	2 × SM 9/125 (low-water-peak) Unit O.D. 0.9 mm	4 × 20 AWG 21/0.18TA Unit O.D. 1.7 mm	2 × 25 AWG 7/0.18TA Unit O.D. 1.2mm

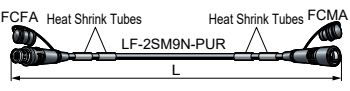
### LF-2SM9N-PUR

- PUR: Polyurethane jacketed durable SMPTE cable
- Bend-resistant in extremely low temperatures

### LF-2SM9-FRNC

- Fire Rated: IEC 60332-1, IEC 60754-2, and IEC 61034
- FRNC jacketed installation cable

### ■ Camera to CCU

Type	Model	Length (m)
 Jacket color: <b>BLK</b>	👑 <b>FCC10N-PUR</b>	10
	👑 <b>FCC50N-PUR</b>	50
	👑 <b>FCC100N-PUR</b>	100
	<b>FCC200N-PUR</b>	200



FCFA



FCMA

### FCC\*\*N-PUR

- Heavy duty SMPTE camera cable
- For all studio and outside broadcast applications
- Assembled in Europe
- Professional service points in EU for quick support

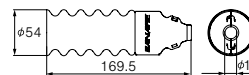
## HFO Protective Covers

Any-time-fit-on protector for SMPTE connector-the new traditional

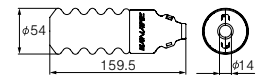
Model	Shape	Component	Color
<b>FC-CV-F-SET-**</b>	Female	1 × Boot	RD: <b>Red</b> GR: <b>Green</b>
<b>FC-CV-M-SET-**</b>	Male	1 × Holder	YL: <b>Yellow</b> BK: <b>Black</b>

Please specify the color such as FC-CV-F-SET-RD

Cover: PVC, Holder: PE



FC-CV-F-SET-GR



FC-CV-M-SET-RD

## Lightweight Cable Reels

Lightweight plastic cable reels made by Schill™

Model	Flange Dim.	Description	Weight
<b>RGT310.RM</b>	310 mm	with auxiliary reel	1.8 kg
<b>RGT380.RM</b>	380 mm		4.8 kg
<b>RGT310.MFK</b>	310 mm	with latching door	1.4 kg
<b>RGT380.MFK</b>	380 mm		4.3 kg

Color: dark blue

- Canare and Schill™ collaboration
- \*Schill™ is a trademark of Schill GmbH & Co. KG
- Easy to carry around
- High quality resin: durable, weatherproof and lightweight.
- Locking brake
- Latching door type (MFK) allows you to store cable connector inside reel.
- Canare special colored flange
- Rough estimate of maximum cable lengths (cable O.D.)
- RGT310: L-4E6S 120 m (6 mm)
- RGT380: L-5CFW 130 m (7.7 mm)
- RJC6A-4P-SFM 110m (8.6 mm)
- LF-2SM9N 100m (9.2 mm)



RGT310.RM



RGT380.MFK



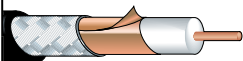

RGT380.MFK  
door open

Website





**CPR Rated 75Ω Coaxial Cables**

Type	Model	Sales units	Nom. O.D.	Weight	Inner cond.		Insulation	Outer conductors		Inner cond. resist.	Outer cond. resist.	Static capacity	Characteristic impedance	Attenuation	NVP
					Comp.	O.D.		Foil	Braid comp. (coverage)						
					(AWG) Qty/mm	mm	mm			mm/ends/carriers	Ω/km	Ω/km	pF/m	Ω	dB/100m (6 GHz)
<b>Ultra Coax</b>  Jacket colors for L-3.3CUHD-FRNC: <b>BLK BRN GRN PPL</b> L-5.5CUHD-FRNC: <b>BLK BRN GRN PPL</b>	<b>12G-SDI</b> <b>L-3.3CUHD-FRNC</b> CPR B2	100 200	5.5	4.1	(21) 1/0.75A	0.75	3.3	Cu	0.12TA/ 8/16 (92%)	41.4	14.9	55	75	68.5	82
	<b>12G-SDI</b> <b>L-5.5CUHD-FRNC</b> CPR B2	100 200 500 1000	7.7	7.1	(16) 1/1.35A	1.35	5.55	Cu	0.12TA/ 8/24 (91%)	12.8	10.3	52	75	39.1	86
<b>Super Coax</b>  Jacket colors: <b>BLK</b> and others	<b>12G-SDI</b> <b>L-2.5CHD-FRNC</b> CPR B2	100 200	4.2	2.6	(23) 1/0.59A	0.59	2.59	AL	0.12TA/ 7/16 (95%)	66.9	16.9	53	75	43.1	82
	<b>L-4.5CHD-FRNC</b> CPR Cca		7.0	6.2	(18) 1/1.02A	1.02	4.57	AL	0.14TA/ 6/24 (91%)	23.3	9.9	53	75	25.1	81

Jacket: FRNC Dielectric strength: 1000V AC/min.

**L-CUHD-FRNC Series**

- FRNC jacketed ultra coax
- CPR Euro Class B2ca
- Specially designed for 12G-SDI
- The max. transmission distance of 4K UHD over L-5.5CUHD single link able to reach 100 m or longer\*.
- \* Depending on receiving equipment.
- As handy as conventional coaxial cables.
- Copper foil and high-density tinned copper braided shielding.
- Highly-foamed multi-layer PE insulation

**L-CUHD-FRNC Series**

- FRNC jacketed super coax
- CPR Euro Class B2ca or Cca
- Best suited to 3G-SDI/HD-SDI transmission
- Highly-foamed PE insulation allows further improvement in the attenuation characteristics.
- Multi-layer insulation in which to each layer is given a different foaming ratio is used to increase strength.
- High-density tinned copper braided shield with aluminum foil brings excellent shielding.

**Note 1:** Designed for fixed installation, please avoid repeated bending or external pressure.  
**Note 2:** Cable strippers (TS100 series) cannot be used for L-5.5CUHD-FRNC.

# ANNEX: Regional Product Catalog

## Converters, HFO Transmission Devices

### Converters

12G-SDI EO/OE Converters <b>12G-SDI</b>						1 slot
12G	6G	3G	HD	SD	DVB-ASI	
<b>Electric to Optic Converter (TX)</b>			<b>Optic to Electric Converter (RX)</b>			
1310 nm	1 × LC	1 × 75Ω BNC	1260-1650nm	1 × LC	1 × 75Ω BNC	
1 EO12G-100B			2 OE12G-101B			
1271-1451nm for CWDM	1 × LC	1 × 75Ω BNC				
3 EO12G-100A-**						

- Capable of Pathological Test Pattern transmission
- 12G-SDI Optical transmission: 12km (typ.)

12G-SDI Repeater <b>12G-SDI</b>						1 slot
12G	6G	3G	HD	SD	DVB-ASI	
4 EE12G-100						2 × 75Ω BNC

- 12G-SDI Cable Reach : 100 m over L-5.5CUHD (Typ.)
- Capable of Pathological Test Pattern transmission

3G-SDI EO/OE Converters					
3G	HD	SD	DVB-ASI		
<b>Electric to Optic Converter (TX)</b>			<b>Optic to Electric Converter (RX)</b>		
1310 nm	1 × LC	1 × 75Ω BNC	1200-1620nm	1 × LC	1 × 75Ω BNC
5 EO3G-100			6 OE3G-101		
1310 nm	1 × LC	2 × 75Ω BNC	1200-1620nm	1 × LC	2 × 75Ω BNC
7 EO3G-200			8 OE3G-201		
1271-1611nm for CWDM	1 × LC	2 × 75Ω BNC			
9 EO3G-100A-**					

- Capable of Pathological Test Pattern transmission (SMPTE RP-178, 198 Check Field Test Pattern)

### Regionally Exclusive Sales

Analog Audio Optical Converters						5 slots
Analog Audio						
1310 nm	1 × SC	1 × D sub 25 pin(F)	1550 nm	1 × SC	1 × D sub 25 pin(F)	
10 TRM-540			TRM-541			
1471-1611 nm for CWDM						2 × LC
11 TRM-540A-**						

- Enables line level audio signals to transmit long distance over a fiber-optic cable.

1000BASE-T Optical Converters						2 slots
1000BASE-T						
1310 nm	1 × SC	1 × RJ45	1550 nm	1 × SC	1 × RJ45	
12 TRM-300-G31			TRM-300-G55			
1471-1611 nm for CWDM						2 × LC
13 TRM-300A-G**						

- Media converters for Gigabit Ethernet 1000BASE-T

100BASE-TX Optical Converters						2 slots
100BASE-TX						
1310 nm	1 × SC	1 × RJ45	1550 nm	1 × SC	1 × RJ45	
14 TRM-210			TRM-211			
1471-1611 nm for CWDM						2 × LC
15 TRM-210A-**						

- Media converters for Fast Ethernet 100BASE-TX

### HFO Transmission Devices

26 FCBK4-12G <b>12G-SDI</b>					
12G	6G	3G	HD	SD	DVB-ASI
FCFRA (Female)			4 × OE12G-101B		
FCBK4-FF5W1-12G					
FCFRA (Female)			4 × OE12G-101		
FCBK4-FF5W1-12G-PV			IDX V-plate		
FCMRA (Male)			4 × EO12G-100A		
FCBK4-FM5W2-12G					
FCMRA (Male)			4 × EO12G-100A		
FCBK4-FM5W2-12G-PV			IDX V-plate		

27 FCBA4-3G					
3G	HD	SD	DVB-ASI		
FCFRA (Female)			4 × OE3G-101		
FCBA4-FF5W1					
FCFRA (Female)			4 × OE3G-101		
FCBA4-FF5W1-PV			IDX V-plate		
FCMRA (Male)			4 × EO3G-100A		
FCBA4-FM5W2					
FCMRA (Male)			4 × EO3G-100A		
FCBA4-FM5W2-PV			IDX V-plate		

28 FCBK-12G <b>12G-SDI</b>					
12G	6G	3G	HD	SD	DVB-ASI
FCFRA (Female)			EO/OE 12G		
FCBK-FF3W1-12G					
FCFRA (Female)			EO/OE 12G		
FCBK-FF3W1-12G-PV			IDX V-plate		
FCMRA (Male)			OE/OE 12G		
FCBK-FM3W2-12G					
FCMRA (Male)			OE/OE 12G		
FCBK-FM3W2-12G-PV			IDX V-plate		

29 FCBA-3G					
3G	HD	SD	DVB-ASI		
FCFRA (Female)			EO/OE 3G		
FCBA-FF3W1-3G					
FCFRA (Female)			EO/OE 3G		
FCBA-FF3W1-3G-PV			IDX V-plate		
FCMRA (Male)			OE/OE 3G		
FCBA-FM3W2-3G					
FCMRA (Male)			OE/OE 3G		
FCBA-FM3W2-3G-PV			IDX V-plate		



# Active Devices for Broadcasting, Live Production, and ProAV

## Converters, Platforms, Stand Alone Kit, CWDM Mux/Demux, Optical Splitter

Please note that certain products on these pages may not be eligible for sale due to non-compliance with local regulations, including but not limited to UL, CE, KC certifications, and voltage specifications. Contact us for further information.

Website



### RS-422/RS-232 Optical Converters

3 slots

RS-422 RS-232

1310 nm 1 × SC 1 × Dsub 9 pin(F) 1550 nm 1 × SC 1 × Dsub 9 pin(F)

16 TRM-220

TRM-221

1471-1611 nm for CWDM 2 × LC 1 × Dsub 9 pin(F)

17 TRM-220A-\*\*

• TIA-422, SMPTE ST 207, RS-232

### 18 HD-SDI/RS-485 Optical Converters

3 slots

HD-SDI + RS-485 SD-SDI + RS-485

TRM-100 1 × LC 1 × Dsub 9 pin(F)

TRM-101 1 × LC 1 × Dsub 9 pin(F)

### 19 NTSC/Audio/Data Optical Converters

3 slots

NTSC + Audio + RS-422 + Relay

TRM-400 1 × SC 1 × BNC 2 × Terminal Block

TRM-401 1 × SC 1 × BNC 2 × Terminal Block

### 20 7ch Relay signal/RS-232/422 Optical Converters

3 slots

7ch Relay + RS-232/422

TRM-230 1 × SC 1 × Circular Connector 2 × Terminal Block

TRM-231 1 × SC 1 × Circular Connector 2 × Terminal Block

## CWDM Mux/Demux

### Slot-in Module Types

8 slots

8 ch

30 FCWDM-8B 1471-1611 nm FCWDM-8B-13 1271-1451 nm

### 1RU Rack Mount Types

8 ch

31 FCWDM8/1A 1471-1611 nm FCWDM8/1A-13 1271-1451 nm

2 each of 8 ch

32 FCWDM8/2A 2 each of 1471-1611 nm FCWDM8/2A-13 2 each of 1271-1451 nm

16 ch

33 FCWDM16A 1271-1611 nm

## Platforms

### 1RU rack mount type

16 Number of Slots

#### Power Supply Unit

21 161UPS-LC

• One power supply module installed as standard equipment

WEPZ0340

• Optional redundant power supply module

• AC 100-240V to DC 5V adapter, AC Inlet Type C14, AC Cable not included

### Portable type

6 Number of Slots

#### Power Supply Unit

22 6PSC-\*\*

• Hot swappable

### Palm size

2 Number of Slots

#### Power Supply Unit

23 2PSC

• Hot swappable

## Stand Alone Kit

24 WMM0190

• a clamping bracket (one side)

25 WEPZ0258

• AC 100-240V to DC 5V adapter, Plug Type A No CE marking

## Optical Splitter

### 1 × 2 Splitter for Single Mode Fiber

34 FDM-2

### 1 × 4 Splitter for Single Mode Fiber

35 FDM-4

• Divides single optical input into multiple optical output.

• Passive and stand-alone products.

• Can be loaded into platform for Canare plug-in unit.

• Easy to use-Just plug in SC-type connectors.

• Low insertion loss.



TRM-400



TRM-230



161UPS-LC



6PSC-\*\*



2PSC



WMM0190



WEPZ0258



FCBK4 series



FCBA4 series



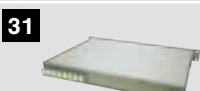
FCBK series



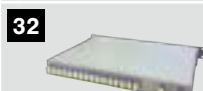
FCBA series



FCWDM-8B



FCWDM8/1A



FCWDM8/2A



FCWDM16A



FDM-2



FDM-4