



SCSCF30xx-10x

DS3-T3/E3 Coax to Fiber NID (Network Interface Device)

Ordering Info

SCSCF3011-100

(2) Coax (BNC)
to 1300 nm multimode (ST)
[2 km/1.2 mi.] Link Budget: 11.0 dB

SCSCF3013-100

(2) Coax (BNC)
to 1300 nm multimode (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB

SCSCF3014-100

(2) Coax (BNC)
to 1310 nm single mode (SC)
[20 km/12.4 mi.] Link Budget: 16.0 dB

SCSCF3015-100

(2) Coax (BNC)
to 1310 nm single mode (SC)
[40 km/24.9 mi.] Link Budget: 26.0 dB

SCSCF3016-100

(2) Coax (BNC)
to 1310 nm single mode (SC)
[60 km/37.3 mi.] Link Budget: 29.0 dB

SCSCF3017-100

(2) Coax (BNC)
to 1550 nm single mode (SC)
[80 km/49.7 mi.] Link Budget: 29.0 dB

Single Fiber Products

Recommended use in pairs

SCSCF3029-100

(2) Coax (BNC)
to 1310 nm TX / 1550 nm RX single fiber
single mode (SC)
[20 km/12.4 mi.] Link Budget: 19.0 dB

SCSCF3029-101

(2) Coax (BNC)
to 1550 nm TX / 1310 nm RX single fiber
single mode (SC)
[20 km/12.4 mi.] Link Budget: 19.0 dB

SCSCF3029-102

(2) Coax (BNC)
to 1310 nm TX / 1550 nm RX single fiber
single mode (SC)
[40 km/24.9 mi.] Link Budget: 25.0 dB

SCSCF3029-103

(2) Coax (BNC)
to 1550 nm TX / 1310 nm RX single fiber
single mode (SC)
[40 km/24.9 mi.] Link Budget: 25.0 dB

Optional Accessories

(sold separately)

Wide Input (18 – 72VDC) Power Supplies:

SPS-1872-PS

Piggy Back Power Supply

SPS-1872-SA

Stand-Alone Power Supply

Mounting Options:

E-MCR-05

12-slot Media Converter Rack

WMBD

DIN Rail Bracket 5.0" [127 mm]

WMBD-F

DIN Rail Bracket (flat) 3.3" [84 mm]

WMBL

Wall Mount Bracket 4.0" [102 mm]

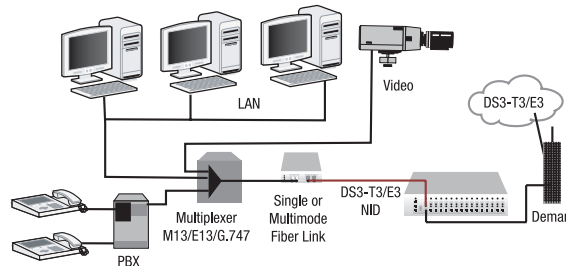
WMBV

Vertical Wall Mount Bracket 5.0" [127 mm]

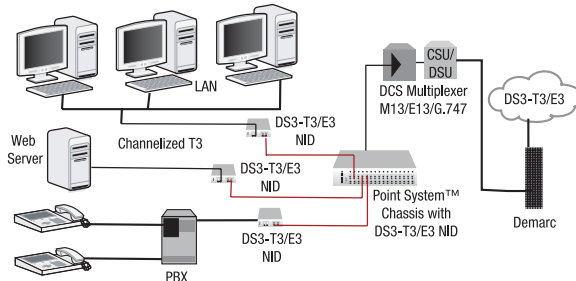
RMS19-SA4-01

4-slot Media Converter Shelf

Integrate Voice & Data on Fiber Network



Upgrade from Multiple T1



Extend a DS3 or E3 over fiber

The DS3-T3/E3 copper to fiber NID will provide a solution for those users that desire to extend the point of presence of their DS3 or E3 connection or use it to connect remote locations via T3/E3.

Devices must be used in pairs. Typical installation will include a chassis card (CCSCF) installed in the Point System™ locally and a stand-alone device installed at the remote location.

Features

- ▶ AIS (Alarm Indication Signal) All 1's or Blue detected on both ports. (unframed)
- ▶ AIS generated in both directions selectable Blue or 1's.
- ▶ Digital Loopback on fiber & copper ports
- ▶ Coax Line build out for operation less than 255 ft. or 255 ft. to 1000 ft.
- ▶ Switch selectable DS3/T3 or E3 rate
- ▶ LED indications for all operation modes
- ▶ Supports fractional/channelized DS3/E3

Specifications

Standards	ANSI, ITU-TS, AT&T, ETSI, G.703, G.921 and G.956
Switches	SW1: DS3/E3 selector: On for E3 SW2: Coax Line build out: On for less than 255 ft. of cable SW3: AIS (unframed) transmit: On for transmit AIS if receive loss of carrier SW4: AIS Blue/AIS All 1's: On for Blue alarm Front Switch: Right/Left – loop-back fiber/copper, Center – Normal
Jumpers	Jumper (J11): Connect output coax port to chassis ground (per G.703) Jumper (J12): Connect input coax port to chassis ground (per G.703)
Status LEDs	PWR (Power): On for normal operation SDC Copper: Green – Link is up; Green Flashing – Coax is in loop-back mode; Yellow – AIS (unframed) detected. SDF Fiber: Green – Link is up; Green Flashing – Fiber is in loop-back mode; Yellow – AIS (unframed) detected.
Dimensions	Width: 3.25" [82 mm] Depth: 4.8" [122 mm] Height: 1.0" [25 mm]
Power Consumption	6 Watts max.
Power	External AC/DC required; 12V DC, .8A; unregulated; standard
Environment	0 – 50°C, 5% – 90% humidity (non-condensing), 0 – 10,000 ft.
Shipping Weight	2 lbs. [0.90 kg]
Safety Compliance	Wall Mount Power Supply: UL Listed and CSA certified
Regulatory Compliance	CISPR/EN55022 Class A; FCC Class A; CE Mark
Warranty	Lifetime