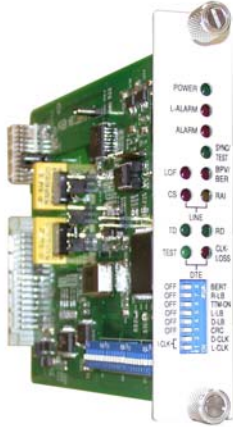




LOOP-E1510 FE1 CSU/DSU SERIES RACK CARD



Description

Loop Telecom's low-cost Loop-E1510 FE1 CSU/DSU product series provides a line card solution used in Loop-C 5400 platform. Loop-E1510 in C5400 is used as high-density rack-type E1 CSU/DSU platform.

FEATURES

- DSU functionality integrated with an CSU in a compact package.
- Connection to LAN/WAN, CAD/CAM, or Hosts to E1 Network Services.
- Support single E1 Line Interface:
 - Framed or unframed
 - Fractional E1 (31 DS0) or clear channel
- Support single V.35 Serial Data Interface
- Configuration via DIP switches
- Proprietary-Test-Pattern-generator
- Multicolor LED indicator

Ordering Information

To specify options, choose from list below

Model	Description
Loop-E1510-R-DTE-ww	Rack Card for C5400 shelf

Accessories

User's Manual

Loop-E1510-R-UM	User's Manual (paper, hard copy-optional). A CD version of the manual is already included as standard equipment.
-----------------	--

Where

DTE =

11F for E1 Framed interface with V.35 DTE interface with M34 connector

11U for E1 unframed interface with Bridge interface

BRF for E1 Framed interface with Bridge interface

BRU for E1 unframed interface with Bridge interface

ww =

75 for 75 ohm BNC E1 interface

120 for 120 ohm Twisted Pair RJ48C E1 interface

Example:

Loop-E1510-R-11U-75 =

Loop-E1510 E1 Unframed interface with V.35 DTE interface with M34 connector and 75 ohm BNC.

**CERTIFIED
ISO-9001**

LOOP-E1510 FE1 CSU/DSU SERIES PRODUCT SPECIFICATIONS (RACK CARD)

Network Line Interface (E1 Interface)

Line Rate	2.048 Mbps \pm 50 ppm
Line Code	HDB3
Input Signal	ITU G.703
Jitter	ITU G.823
Framing	ITU G.704
Connector	BNC/RJ48C (specify on order)
Output Signal	ITU G.703
Electrical	75 Ω Coax/120 Ω twisted pair

Bridge Interface

Data Port	Single Ethernet
Physical Interface	802.3 10BaseT, 802.3u 100BaseTX
Connector	RJ45

- Bridge function
- Auto-negotiation

Front Panel

Multi-color LED indicators

Physical/Electrical

Dimensions	2.5 x 12 x 20 cm (WxHxD)
Power Consumption	< 5W
Temperature	0 -50 $^{\circ}$ C
Humidity	0-95% RH (NON-CONDENSING)
Mounting	Desk-top stackable

DTE Interface (V.35)

Data Port	Single DTE
Data Rate	n * 64 Kbps (n = 1 - 32)
Connector	M34 for V.35 interface

Clear Channel (Unframed)

Data Rate	2048 Kbps (32 * 64Kbps)
-----------	-------------------------

Diagnostics Test

Loopbacks	Line Loopback, DTE Loopback, and Remote Loopback (active, deactivate, response)
-----------	---

Compliance

ETSI	ETS 300420, ETS 300419
ITU	G.703, G.704, G.706, G.732, G.736, G.823
EMI/EMC	EN50081-1, EN55022 Class A, EN55024
Safety	EN60950: 2000



LoopTelecom.com

LOOP TELECOMMUNICATION INTERNATIONAL, INC.

Worldwide

8F, No. 8, Hsin Ann Road,
Science-Based Industrial Park
Hsinchu, Taiwan 300
Tel:+886-3-578-7696
Fax:+886-3-564-6272
www.LoopTelecom.com
sales@loop.com.tw

Taipei, Taiwan

2F, No. 40, Section 2,
Tuan-Hwa S. Road,
Taipei, Taiwan 106
Tel:+886-2-2784-4000
Fax:+886-2-2754-2325

North America

8 Carrick Road
Palm Beach Gardens
Florida 33418, U.S.A.
Tel:+1-561-627-7947
Fax:+1-561-627-6615
0007576940@mcimail.com

Suzhou China

Tel:+86-512-6252-0456
Fax:+86-512-6252-7641
Sales@looptech.com.cn

Tianjin China

Tel:+86-22-8789-2753
Fax:+86-22-8789-0344
Loop@loop-tj.com