



Features

- Space for 16 plug-in cards.
- Accepts cards of types:
 - Loop-E1500-IR Fractional E1 CSU/DSU
 - Loop-H3300-R G.SHDSL
- Shared common controller card allows front panel operation.
- 2-line by 40-character LCD display
- Ethernet port for out-of-band management.
- Connection to SNMP and Telnet.
- Supports SNMP Version 1
- Compatible to LoopView, a GUI network management system.

LOOP-C5500 Integral Access Shelf

Description

Loop-C5500 is an Integral Access Shelf designed to accept a mix of Loop series rack cards. This includes Loop-E which is fractional E1 products and Loop-H, which is an HDSL or G.SHDSL interfaces.

Innovative power supply solution: implemented in C5500 chassis: each card has its own power adapter from DC to needed board voltages (12/5 Vdc). The chassis has 2 input 48 Vdc power supply connectors; backplane has 2 independent power supply circuits. For full redundancy, customer may use 2 DC power supplies (48 DC carrier batteries) or 1+1 external adapters with 230 Vac and 48 Vdc.

Loop-C5500 Integral Access Shelf supports local configuration and diagnostics using keypads and LCD display on the front panel, or from a local or remote terminal. Each rack position can be individually addressed and the type of plug-in identified. This enables users to execute in-service diagnostics and fault isolation. Using Ethernet, SLIP, SNMP, or Telnet connection on the shared controller card of the rack unit, users can remotely control and diagnose Loop rack cards from a centralized location. In addition to commercial management systems, a graphical user interface (GUI) based network management system, LoopView, is also available from Loop.

Ordering Information

For a complete system, order one controller and one Integral Access Shelf, and as many plug-in types as needed up to 16.

To specify options, choose from list below:

Note: RoHS compliant units are identified by the letter **G** appearing immediately at the end of ordering code.

Model (non RoHS compliant)	Model (RoHS compliant)	Description	Note
Loop-C5500-CC-SNMP	Loop-C5500-CC-SNMP-G	Controller with SNMP	
Loop-C5500-CCA-SNMP	Loop-C5500-CCA-SNMP-G	Controller (Type A) with SNMP	
Loop-C5500-RC-ST-pp	Loop-C5500-RC-ST-pp-G	Shelf with Screw Terminal	
Loop-C5500-RC-RJ-pp	Loop-C5500-RC-RJ-pp-G	Shelf with RJ-48C	
Loop-C5500-RC-RB-pp	Loop-C5500-RC-RB-pp-G	Shelf with RJ-48C & BNC	
Loop-C5500-RC-WW-pp	Loop-C5500-RC-WW-pp-G	Shelf with Wire-Wrap pins	

Accessories




User's Manual (All User's Manuals are RoHS compliant)

Loop-C5500-UM	User's Manual (paper, hard copy-optional). A CD version of the manual is already included as standard equipment.	For C5500-CC only
Loop-C5500-UMA	User's Manual (paper, hard copy-optional). A CD version of the manual is already included as standard equipment.	For C5500-CCA only

Fan Tray

Loop-C5500-FAN	Loop-C5500-FAN-G	Fan Tray
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Adaptor (All power adaptor are RoHS compliant)

Loop-C5500-APA-240-G	240 Watt, AC (100 to 120 Vac, 5.0A/200 to 240 Vac, 2.5A auto sensing) to DC (-48 Vdc, 5A) adaptor for USA	The AC power Adaptor cannot support H3300 with a sealing current option or line power option	
Loop-C5500-APE-240-G	240 Watt, AC (100 to 120 Vac, 5.0A/200 to 240 Vac, 2.5A auto sensing) to DC (-48 Vdc, 5A) adaptor for Europe		
Loop-C5500-APU-240-G	240 Watt, AC (100 to 120 Vac, 5.0A/200 to 240 Vac, 2.5A auto sensing) to DC (-48 Vdc, 5A) adaptor for UK		




Conversion Cable (All conversion cables are RoHS compliant)

Loop-ACC-CAB-DB09F-180-1RJ11	DSUB-09pin/Female to RJ11 6P6C Console cable Length: 180 cm	For C5500-CC
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Panel (All conversion panels are RoHS compliant)

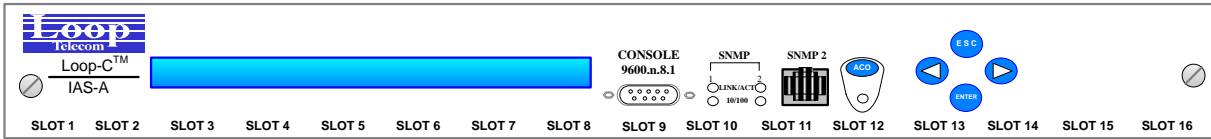
Loop-ACC-16RJ48-WW	16 RJ48 to Wire-Wrap pins conversion panel
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■ where **pp** is used to select power source. For redundancy:

pp =	Description	Power Cord Type
DC	-36 to -56 Vdc power source	
APA150	150 Watt AC to DC adaptor (North America Type) attached to rear panel.	
APE150	150 Watt AC to DC adaptor (Europe Type) attached to rear panel.	
APU150	150 Watt AC to DC adaptor (UK Type) attached to rear panel.	

LOOP-C5500 INTEGRAL ACCESS SHELF PRODUCT SPECIFICATIONS

Front panel of Loop-C5500-CCA-SNMP



Supervisory Ports on a Shared Controller Card

Connector	DB9 at front	DB25 at rear	RJ-45 (SNMP-2) at front	RJ-45 (SNMP-1) at rear
Electrical	RS232 (DCE)	RS232 (DCE)	10/100 Base-T Ethernet	10/100 Base-T Ethernet
Protocol	VT-100 menu driven	SLIP/Telnet	Telnet/SNMP *	Telnet/SNMP *

* = Support SNMP v.1

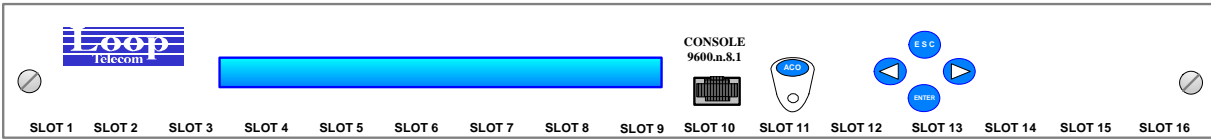
Front Panel

Keypad on Controller Card	5 keys: Left arrow, Right arrow, ESC, ENTER, and ACO (Alarm Cut-Off)
LCD/LED on Controller Card	2-lines by 40 character LCD, One LED for ACO, LEDs (LINK/ACT, 10/100) for SNMP-1, LEDs (LINK/ACT, 10/100) for SNMP-2

Fans on the Shared Controller Card

Fans	4, Included, operation controlled by thermostat on board.
On temperature	45°C
Off temperature	33°C
Alarm temperature	68°C

Front panel of Loop-C5500-CC-SNMP



Supervisory Ports on a Shared Controller Card

Connector	RJ-11 at front	DB25 at rear	RJ-45 at rear
Electrical	RS232	RS232	10 Base-T Ethernet
Protocol	VT-100 menu driven	SLIP/Telnet/SNMP *	Telnet/SNMP *

* = Support SNMP v.1

Front Panel

Keypad on Controller Card	5 keys: Left arrow, Right arrow, ESC, ENTER, and ACO (Alarm Cut-Off)
LCD/LED on Controller Card	2-lines by 40 character LCD, one LED for ACO

Fans on the Shared Controller Card

Fans	2, Included, operation controlled by thermostat on board.
On temperature	48°C
Off temperature	33°C
Alarm temperature	58°C

Electrical

Power (pp=DC)	-36 to -56 Vdc, 2 input connectors, 2 power supply circuits on backplane of the chassis
Power (pp= APA150, APE150 or APU150)*	Input Range 85 to 264 Vac
	Output Voltage 45.6 to 52.8 Vdc.
	Output Current 3.2 A Max.
	Output Power 150 Watt Max.

Note:*** -Options for AC power supplies.
-For redundancy, 2 adapters are needed.

Physical and Environmental

Dimensions	433x 220.5 x 272.8 mm (WxHxD) for DC only 433x 220.5 x 320 mm (WxHxD) for DC with attached AC to DC adaptor on rear panel Note: each rack cage can have 16 plug-in units, plus controller card
Temperature	0 - 50°C
Humidity	0-95% RH (non-condensing)
Mounting	Desk-top stackable, 19/23 inch rack mountable, accessories included
Number of slots	16

Card Types Accepted

Loop-E1500-IR Fractional E1 CSU/DSU	Data rate N x 64 Kbps, N=1 to 32 (64K to 2048 Kbps)
Loop-H3300-R G.SHDSL	Data rate N x 64 Kbps, N=1 to 72 (64K to 4608 Kbps)

Power Consumption

Controller card	5 Watt
E1500-IR	5 Watt
H3300-R	8 Watt
H3300-R with sealing current	10 Watt
H3300-R with line power	16 Watt

Certification

Lightning Surge: IEC 1000-4-5
EMC: Class A of Subpart B of FCC Part 15
Vibration: FCC part 68.302
Safety: IEC60950



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