



## 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	
<b>Accessories</b>			
<b>User's Manual (All User's Manuals are RoHS compliant)</b>			
Loop-C5500-UM	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	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
<b>Fan Tray</b>			
Loop-C5500-FAN	Loop-C5500-FAN-G	Fan Tray	
<b>Adaptor</b>			
Loop-C5500-APA-150	Loop-C5500-APA-150-G	150 Watt AC (100-240 Vac) to DC (48 Vdc = 3.3A) external adaptor for USA	The AC power adaptor cannot support H3300 with a sealing current option or line power option
Loop-C5500-APE-150	Loop-C5500-APE-150-G	150 Watt AC (100-240 Vac) to DC (48 Vdc = 3.3A) external adaptor for Europe	
Loop-C5500-APU-150	Loop-C5500-APU-150-G	150 Watt AC (100-240 Vac) to DC (48 Vdc = 3.3A) external adaptor for UK	
<b>Cable</b>			
Loop-ACC-CAB-EXT-005	Loop-ACC-CAB-EXT-005-G	DSUB-09-pin/Male to RJ11 6P6C Console cable L: 100 cm	For C5500-CC
<b>Panel</b>			
Loop-ACC-16RJ48-WW	Loop-ACC-16RJ48-WW-G	16 RJ48 to Wire-Wrap pins conversion panel	

■ where **pp** is used to select power source. For redundancy:

pp =	Description	Power Cord Type
<b>DC</b>	-36 to -56 Vdc power source	
<b>APA</b>	100 Watt AC to DC adaptor (North America Type) attached to rear panel.	⏏
<b>APE</b>	100 Watt AC to DC adaptor (Europe Type) attached to rear panel.	..
<b>APU</b>	100 Watt AC to DC adaptor (UK Type) attached to rear panel.	⏏
<b>APA150</b>	150 Watt AC to DC adaptor (North America Type) attached to rear panel.	⏏
<b>APE150</b>	150 Watt AC to DC adaptor (Europe Type) attached to rear panel.	..
<b>APU150</b>	150 Watt AC to DC adaptor (UK Type) attached to rear panel.	⏏



### Electrical

Power (pp=DC)	-36 ~ -56 Vdc, 2 input connectors, 2 power supply circuits on backplane of the chassis
Power (pp=APA, APE, APU)*	Input Range 85 – 265 Vac Output Voltage 48 V ± 5% Output Current 2.1 A Max. Output Power 100 Watt Max.
Power (pp= APA150, APE150 or APU150)*	Input Range 85 – 264 Vac Output Voltage 45.6 – 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 <b>Note:</b> 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



LoopTelecom.com

## **LOOP TELECOMMUNICATION INTERNATIONAL, INC.**

**ISO 9001/ISO 14001**

### **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**

6F, No. 36, Alley 38, Lane 358,  
Rueiguang Road,  
Neihu, Taiwan 11492  
Tel:+886-2-2659-0399  
Fax:+886-2-2659-2325  
michael\_tzeng@loop.com.tw

### **North America**

8 Carrick Road  
Palm Beach Gardens  
Florida 33418, U.S.A.  
Tel:+1-561-627-7947  
Fax:+1-561-627-6615  
jimber561@aol.com

### **Suzhou China**

199 Tongyuan Road,  
Suzhou Industrial Park  
Suzhou 215006 China  
Tel:+86-512-6252-0456  
Fax:+86-512-6252-7641  
salesi@looptech.com.cn

### **Tianjin China**

No. 240 Baidi Road  
Nankai District  
Tianjin 300192 China  
Tel:+86-22-8789-4027  
Fax:+86-22-8789-0344  
wym@loop-tj.com