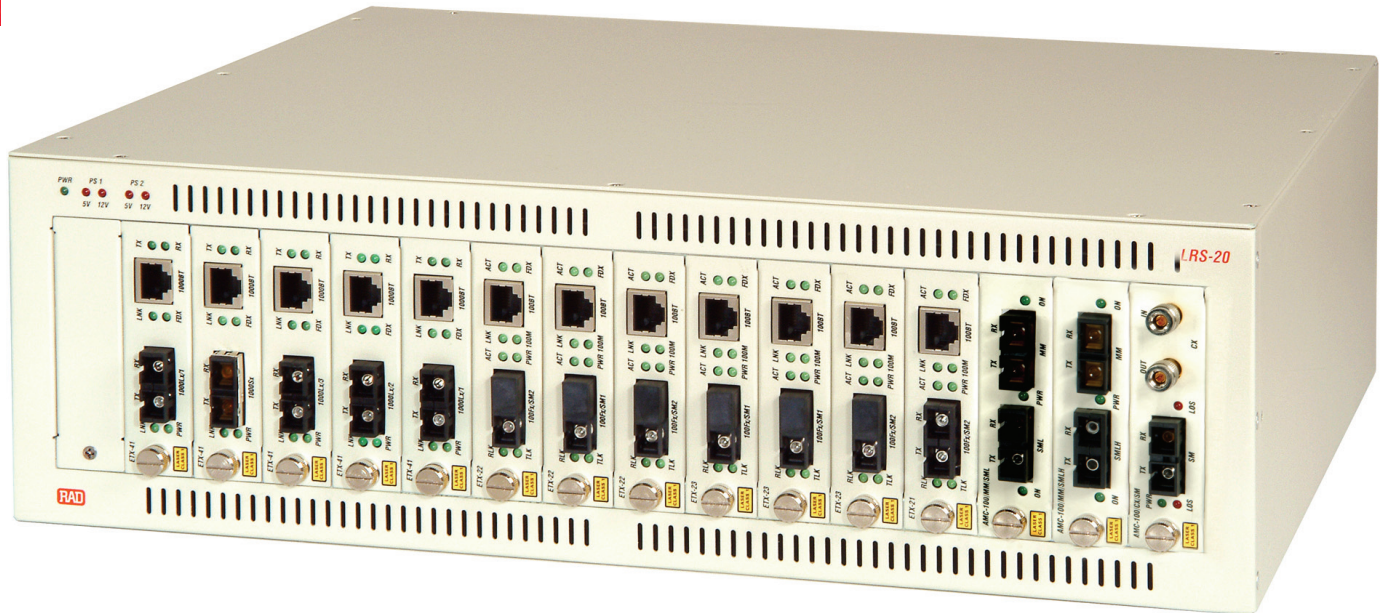


# LRS-20

## Modular Converter Rack



### FEATURES

- Modular rack for the AMC-100 and ETX converter cards
- 16-slot compact enclosure
- Single chassis for converting various media types
- Hot-swappable converter cards
- Optional common logic module for point-to-point applications, requiring management
- Remote software download to the common logic module via TFTP
- Dual hot-swappable AC and DC power supply modules for load sharing and redundancy

### DESCRIPTION

- LRS-20 is a 16-slot 3U-high modular rack, accommodating up to 16 hot-swappable converter cards.
- The rack provides high port density, when several media converters have to be installed at the same site.
- The converter cards are hot-swappable, allowing module insertion and removal without affecting active services.
- A common logic card can be installed in LRS-20, providing one terminal port for an ASCII terminal connection and one 10/100BaseT port for connecting Telnet hosts or SNMP network manager stations.
- LRS-20 is a compact 3U-high, ETSI-complaint chassis. Card insertion, LEDs, cable connections (except for the power cables) are at the front of the chassis.

- The chassis operates with single or dual, AC or DC power supplies. Each power supply supports a fully populated LRS-20 rack. A power supply can be replaced during operation, without affecting system performance (hot swapping).
- The chassis can be mounted in a standard 19-inch rack.

# LRS-20

## Modular Converter Rack

### SPECIFICATIONS

- **Number of Slots**  
15
- **Indicators**  
PWR (green):  
On – Power supplies are in working condition  
Off – Power supply malfunction has been detected  
PS 1 5V / PS 2 5V (red):  
On – 5V output voltage is not provided by power supply 1/2 to the cards  
Off – 5V output voltage is provided by power supply 1/2 to the cards  
PS 1 12V / PS 1 12V (red):  
ON – 12V output voltage is not provided by power supply 1/2 to the fans  
OFF – 12V output voltage is provided by power supply 1/2 to the fans
- **Power**  
AC: 115 VAC or 230 VAC, 50/60 Hz  
DC: -48 VDC
- **Power Consumption**  
120W max

- **Physical**  
Height: 132 mm (5.2 in)  
Width: 440 mm (17.2 in)  
Depth: 425 mm (16.7 in)  
Weight: 14 kg (30.8 lb)
- **Environment**  
Operating temperature: 10–50°C (50–122°F)  
Storage temperature: -40–50°C (-40–176°F)  
Humidity: Up to 85%, non-condensing

### COMMON LOGIC CARD

- **LAN Interface**  
Number of ports: 1  
Type: 10/100BaseT  
Connectors: RJ-45
- **Terminal Interface**  
Number of ports: 1  
Type: RS-232  
Data rate: 19.2 kbps  
Connector: RJ-45
- **Indicators**  
SYS (green) – Operation status  
PWR (green) – Power status  
LNK/ACT (green) – Ethernet link status  
100M (green) – 10/100BaseT interface data rate

### ORDERING

**LRS-20\*/#/&**  
Modular converter rack

**LRS-20-PS/\***  
Power supply module for LRS-20

- \* Specify power supply type:  
**115** for 115 VAC  
**230** for 230 VAC  
**48** for -48 VDC

# Specify **R** for redundant power supply (same type as the first power supply)

& Specify **MNG** for common logic module

### SUPPLIED ACCESSORIES

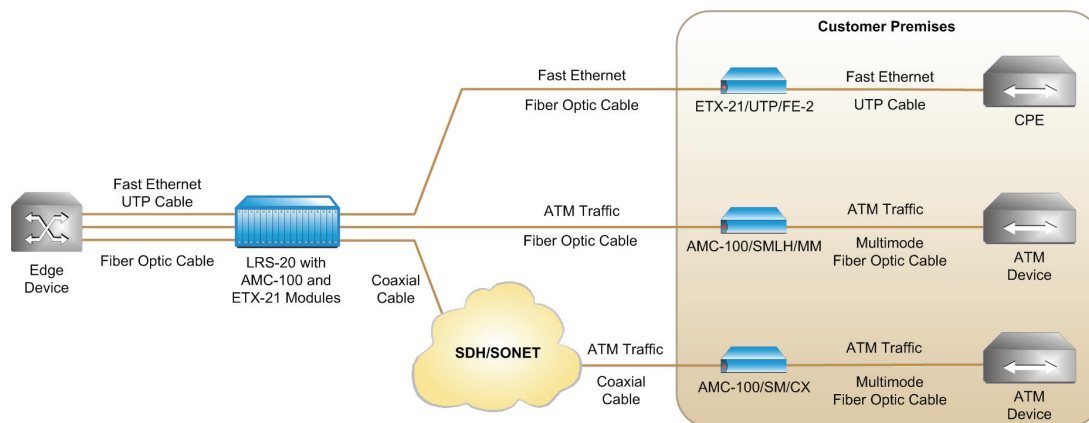
Power cord for each ordered power supply

RM kit for mounting LRS-20 into a 19-inch rack

### CBL-LRS-20-CLI

RJ-45 to DB-9 adapter cable for an ASCII terminal connection

### APPLICATION



data communications

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