

## rack mount card cage



### Description

The design approach employed by ComNet™ for equipment mounted within the model C1 chassis rack unit with integral 115/230 VAC power supply, provides for the elimination of a single-point failure in the event of a major fault within any module located within the chassis rack. This is accomplished through the use of automatic electronic current limiting within each rack-mountable module, rather than providing the current limiting within the power supply unit which supports the power requirements for equipment located within the rack. In nearly all competing designs, a major fault within a module, located within the chassis rack, results in the power supply unit going into a current limiting condition, and as a result, all of the modules within the rack shut down. The C1 rack design employed by ComNet™ eliminates this possibility, as only the faulty module shuts down, and the operation of the other modules within the rack continue unimpaired. This automatic current limiting feature is also self-resetting, should the fault or overload be of a temporary or intermittent condition. Furthermore, all modules located within the chassis rack are hot-swappable, so that it is not necessary to power-down the rack when removing or replacing modules.

### Features

- Automatic electronic current limiting feature
- Voltage transient protection on all power and signal input/output lines provides unconditional protection from power surges and other voltage transient events.
- All modules located within the chassis rack are hot-swappable
- Lifetime Warranty

## specifications

### ELECTRICAL

Input Voltage:	90-264 VAC @ 70 W Maximum
Output Voltage:	9 VDC +/- 5% @ 6.5 Amps @ 75°C

### FUSING

1.25 A slow blow (rack power supply)  
(plug-in modules individually  
electronically fused)

### POWER INDICATOR

Red LED

### AC LINE CORD

Detachable, IEC-connected.  
Allows easy field replacement or  
exchange for various worldwide  
AC power plug configurations.

### MECHANICAL

Size (in./cm.) (LxWxH)	
Rack Mount:	19.0 x 7.5 x 6 in., (48 x 19 x 15 cm)
Shipping Weight:	<5 lbs./2.15 kg

### ENVIRONMENTAL

MTBF:	>100,000 hours
Operating Temp:	-40° C to +75° C, ambient
Storage Temp:	-40° C to +85° C, ambient
Heat Generation:	240 BTU

FCC, CE, TUV COMPLIANCE PENDING



## ORDERING INFORMATION

	PART NUMBER	DESCRIPTION
	C1-US (US AC Power Cord)	19" Rack, 90-264 VAC Input (includes US power supply and power cord)
	C1-EU (EU & UK Power Cord)	19" Rack, 90-264 VAC Input (includes EU and UK power supply and power cord)
	C1-CH	19" Rack, (no power supply)
OPTIONS	C1-BP	Blank Panel (1")
	C1-SA	South African Power Cord
	C1-AU	Australian Power Cord



Complies with FDA Performance  
Standard for Laser Products, Title 21,  
Code of Federal Regulations, Subchapter J

In a continuing effort to improve and advance  
technology, product specifications are subject  
to change without notice.

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