

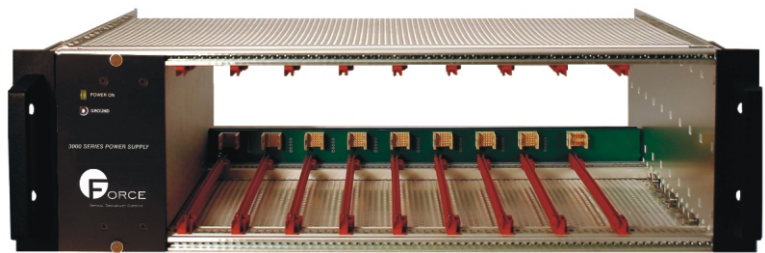


# SNMP 3RU Rack Chassis

Model 3000C and 3000U

## 3RU Rack Chassis

- The 3RU chassis accommodates eight transmitters and/or receivers with redundant power supplies for system reliability.
- Universal 120-240 Volts AC or -48 Volts DC Power Supplies meet UL and CE requirements.
- Select power supply models also supply an RJ-45 connector for web-based or SNMP monitor and control.
- Power On LED and common Ground Point on front panel of all power supplies.
- Works with a number of Force, Inc. links, including the 3000 Series of L-Band and IF Links and the 3753 **HDTV/Linx**®.
- Chassis and Power Supplies are designed to meet stringent Teleport environmental requirements.



*3RU Model 3000 Rack Chassis with Installed Power Supply*



The Model 3000 3RU Rack Chassis and Power Supplies offer an advanced design that allows the user to install up to eight transmitters or receivers and two power supplies. The chassis will also accommodate support modules for the 3000 series and other specially designed transport links. Other modules may be mounted to a rack adapter card prior to insertion into the chassis. Hot-swappable power supplies and modules ensure minimum system downtime and increased reliability. The power supplies are available in four options: Universal AC with SNMP and without SNMP, and -48 Volts DC with SNMP and without SNMP. An LED indicator on the power supply front panel assures the user that the power supply is operating correctly. A front panel common ground point is also available. Models 3000UB or 3000UD power supplies with SNMP interface include an RJ-45 connector and a DB-9 connector which allow the user to connect their 3000 system to an SNMPv2 management tool for SNMP monitoring and control of the system. A number of system parameters can be monitored, depending on which modules are installed in the chassis. The power supply DB-9 connector allows the user to locally configure the system's IP address and other network parameters. Model 3000 Chassis and Power Supplies offer a cost-effective and highly reliable system for rack-mounting 3000 Series and 3753 modules.

Information contained herein is deemed to be reliable and accurate as of issue date. EMCORE reserves the right to change the design or specifications of the product at any time without notice. Ortel, the Ortel logo, EMCORE, and the EMCORE logo are trademarks of EMCORE Corporation.



# Specifications and Ordering Information

## Electrical Characteristics

	Min	Typ	Max	Units
Power Supply Voltage (AC)	120		240	VAC
Power Supply Voltage (DC)		-48		VDC
AC Power Supply Frequency	50		60	Hz
AC Fuse Rating (Slow Blow)		2.0		A
DC Fuse Rating (Slow Blow)		7.5		A

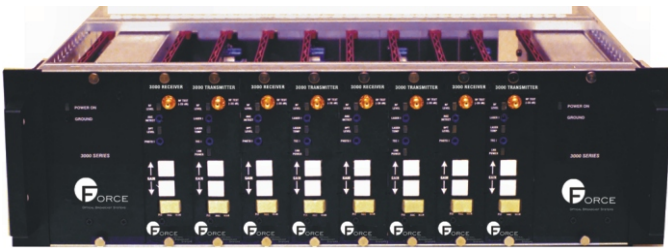
1. A power failure will activate a summary fault on the 3000 Chassis DB-25 connector on all versions of the 3000 Power Supply.
2. The power supplies conform to the Electromagnetic Compatibility Requirements in accordance with European Community Directive #89-336-EEC.
3. The power supplies comply with UL requirements.

## Physical Characteristics

	Min	Typ	Max	Units
Power Supply Weight		2.5		lbs.
		1.1		kg
Chassis Weight (empty)		6.0		lbs.
		2.7		kg
Rack Adapter Card		3.8		oz.
		108		g
Power Supply Dimensions	5.06 x 2.80 x 12.00			in.
	129 x 71 x 305			mm
Chassis Dimensions	5.25 x 19.00 x 12.00			in.
	133 x 483 x 305			mm
Rack Adapter Card	10.4 x 3.94			in.
	264 x 100			mm

## Environmental Characteristics

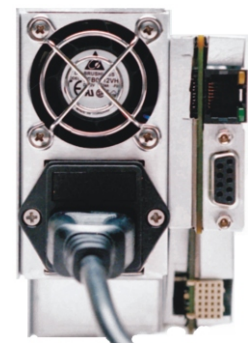
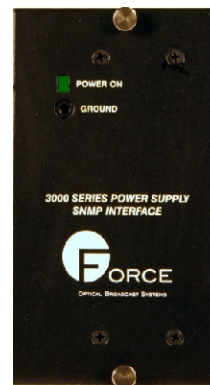
	Min	Typ	Max	Units
Operating Temp. Range	-10		+55	°C
Storage Temp. Range	-40		+60	°C
Humidity (RH, non-condensing)	5		95	%



*Model 3000CB-NN Front and Rear Views  
Fully Loaded with Model 3000 Transmitters and Receivers*

## 3RU Chassis, Power Supplies, and Card P/N

Chassis, Power Supply and Panel Options	Part Number
3RU Chassis, Holds 8 Modules and 2 P.S.	3000CB-NN
3RU Power Supply, Universal AC, SNMP Monitoring and Control	3000UB-NN
3RU Power Supply, Universal AC, No SNMP, for Power Redundancy	3000UC-NN
3RU Power Supply, -48 Volts DC, SNMP Monitoring and Control	3000UD-NN
3RU Power Supply, -48 Volts DC, No SNMP, for Power Redundancy	3000UE-NN
3RU Blank Panel for Unused Module Slots (optional)	3000EA-NN
3RU Blank Panel for Unused P.S. Slot (optional)	3000EB-NN
Rack Adapter Card	3000A-NN-1



*3RU Power Supplies with or  
without SNMP Monitoring and Control*

Information contained herein is deemed to be reliable and accurate as of issue date. EMCORE reserves the right to change the design or specifications of the product at any time without notice. Ortel, the Ortel logo, EMCORE, and the EMCORE logo are trademarks of EMCORE Corporation.

2020 Kraft Drive, Suite 1000, Blacksburg, VA 24060  
USA (800) 732-5252 • TEL (540) 961-1945 • FAX (540) 961-1900  
www.forceinc.com • www.emcore.com