- **16 slots for modems and accessories**
- **Houses up to 32 modems in one chassis**
- **Front loading eliminates need for recabling when changing equipment**
- **CMS® network management support**
- **All-In-One Architecture™ lets you mix modems and accessory cards**
- **Accepts wide range of modems with speeds from 300 to 14,400 bps**
- **Complete menu-driven control from LCD-equipped front panel**
- **Dual power supplies**

The Only Chassis Your Dial-Up Network Will Ever Need

The RMD 1690 Model 2 is an intelligent chassis that provides high-density housing for Racal's dial network products. Racal knows that network managers need a variety of dial-up equipment to support multiple networks. So we've designed a wide range of single and dual modem cards for the RMD 1690 Model 2. These modems range in speed from 300 to 14,400 bps, and comply with a wide array of data communications standards. The chassis also accepts automatic calling units and callback security cards, and is compatible with Racal's Communication Management Series (CMS®) network management systems.

Each RMD 1690 Model 2 chassis can hold up to 16 cards (up to 32 modems) in a space just 10.5 inches high by 17 inches wide. The chassis is self-cooling, so you can stack up to seven chassis — a total of 224 modems — in a standard 7-foot high rack. The All-In-One Architecture™ lets you standardize your entire network in one chassis. Racal protects your investment because all of our future rack-mount dial products will be designed to mount in this chassis.

Front Panel Control

With the RMD 1690 Model 2, you have sophisticated front-panel control of all equipment in the chassis. Indicator lights inform you whether modems are busy, idle, online, or if there's a problem with a modem or power supply. A dual-line LCD displays easy-to-read prompts and messages. A 24-button keypad lets you test, monitor, and soft configure modems. You can easily copy modem configurations to other modems in the chassis. The equipment map feature lists modem type, serial number, firmware revision level, and a comment area, making asset management easy.

Testing is Easy with Built-In Patch Panel

The RMD 1690 Model 2 allows you to connect test equipment to a single, serial diagnostic port. And you can switch this equipment from the front panel keyboard to any of the 32 ports in the chassis. You can then monitor or take control of these ports.

Network Management Support

When you connect the RMD 1690 Model 2 to a CMS network management system, you gain remote control of all central site and standalone modems in your network. You can control, monitor, and report on over 16,000 modems, located anywhere in the world, from a single PC.

The intelligent chassis collects event messages from individual modems as they occur and sends them to the CMS system for quick, easy identification of current traffic trends. Summary statistics and reports on each modem help you track actual utilization, so you can optimize your network for lower operating costs.

Dual Power Supplies

The RMD 1690 Model 2 can hold two 115/230 volt AC power supplies, two 48 volt DC power supplies, or one AC and one DC power supply. If one supply fails, the other continues to supply power without interrupting operation.

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Technical Specifications

Configuration	16 slots to support up to 32 modems
	1 slot for RMD 990 chassis controller card
	1 slot for future system support card
	2 compartments for RMD 2190 AC and/or RMD 2148 DC power supplies
Front Panel	2-line by 16-character LCD screen
	2 power supply status indicators
	24-button keypad
	32 status indicators
	1 controller and 2 auxiliary status indicators
	8 EIA status indicators
	1 alarm indicator
Rear Panel	4 RJ27X telco connectors
	RS-232-D D-connectors: 32 for units, one for DTE diagnostic port, and one for system controller port
Power Requirements	AC Power Supply 90 to 130 VAC, 5.0 amps maximum, 47-63 Hz or 180 to 264 VAC, 2.5 amps maximum, 47-63 Hz
	DC Power Supply -48 VDC, 5.0 amps available
Power Consumption	350 watts maximum (1200 BTU per hour)
Operating Temperature	32° to 122° F (0° to 50° C)
Storage Temperature	-4° to 158° F (-20° to 70° C)
Relative Humidity	Less than 95%, noncondensing
Physical Specifications	Height 10.5" (26.67 cm)
	Width 17.0" (43.18 cm)
	Depth 19.5" (49.53 cm)
	Weight 41.7 lbs. (18.9 kg) with two power supplies

Our policy of continuous development may cause the information and specifications contained herein to change without notice.

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