

RC006-12 12 service slots multi-service modem pool

RC006-12 is a ETSI complied 19" rack-mountable 6U high platform which supports two front-loading, redundant, load-sharing, hot-swappable AC or DC power supplies. Up to 12 modular service cards and one network management card can be installed in the chassis, providing a CO/POP site solution for connecting up to 12 remote CPE. RC006-12 multi-service modem pool feeds simultaneously high speed and legacy data service, analog voice service, leased line service and backhauling of Mobile BTS and connectivity WiMAX CPE to Metro Ethernet. It could hybrid support for multiple level PDH products such as: cost effective E1 extension

PDH product up to 16E1; PCM multiplexer's analog voice and legacy data service for enterprise customers; carrier grade multi-service PDH product with up to 16 E1s (including 1*V.35) and 1*10/100M Ethernet interface. Redundant fiber optic links and power supply could guarantee the maximum networking uptime. Switching over time from primary fiber link to secondary is less than 50ms. This platform could supply SNMP management, TELNET, and local craft terminal management through RS232 interface. Full range of management makes carrier to easily operate and monitor local and remote device anywhere.



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Feature

Slot Number	15 slots, 12 slots for service cards, 2 slots for power supply modules and 1 slot for network management card
Redundant Power Supply	Two front-loading, redundant, load-sharing, hot-swappable dual AC or dual DC or one AC and one DC power supply
Hot-wappable power supply	RC006-12 can operate with single or dual AC or DC power supplies. Each power supply supports a full rack of any combination of cards. The redundant power supply can be replaced without affecting system performance
Flexibility	Single chassis for various modular cards with a variety of technologies, rates, interfaces and media, unified SNMP management for all the modules
Hot-swappable modular converters	All cards are hot-swappable and can be replaced without interfering with the data transmission of other cards
Safety Compliance	CE and UL
Efficient Heat dissipation	Optimal structure for efficient heat dissipation
Network Management	The chassis can be managed by Raisecom network management platform Nview iEMS (GUI), which allowing configuration management, diagnostics and loop activation, as well as monitoring and fault management
Real-time configuration and monitoring	The management software enables the user to change the setup configuration, get real-time alerts on system status, activate diagnostics, and receive statistics on system functionality in a graphic format.

Ordering Information

RC006-12-NMS	Network management module for RC006-12 chassis
RC006-12AC/S	6U, 12 service slots chassis with one 115V or 230V AC power supply
RC006-12AC/D	6U, 12 service slots chassis with two 115V or 230V AC power supplies
RC006-12DC/S	6U, 12 service slots chassis with one -48V DC power supply
RC006-12DC/D	6U, 12 service slots chassis with two -48V DC power supplies

Specification

Number of slot	15 12 slots for service cards 2 slots for power supply modules 1 slot for network management card
Power supply	Two hot-swappable AC or DC power supplies
Input power supply voltage	AC: 85V-265V, 50/60Hz DC: -36V- -72V
Rated Current	20A
Short Current Protection	Yes
Over Current Protection	Yes
Noise	≤ 100mVp-p
Port specification (For NMS1 network management card)	CONSOLE: RJ-45 ETH (for SNMP and Telnet): RJ-45
Net Weight	4.6kg (with two power supplies)
Dimension	442(W)*248(H)*267(D)mm
Power consumption	≤ 300W (at max load)
Working ambience	Temp: -5~50 centigrade RH: 5~90% non-condensing
Storage ambience	Temp: -40~85 centigrade RH: 20~90% non-condensing

Typical Application

