NR-C14

Intelligent 19" Rack Mount Chassis

neTrans

SDM

Features

Robust Design

▸ Rack mountable Chassis for all neTrans family standalone modules

▸ Mounts in standard 19" cabinets, occupying only 4U height

▸ Optional Redundant Power supplies

▸ Power supplies equipped with alarm outputs

▸ Hot-swappable design

▸ An optional blank filler panel is available for unused rack spaces

▸ Wide operating temperature range of -40ºC to +75ºC

Local and remote diagnostics

▸ Remote health and status monitoring via SDM (System Diagnostics and Management) Module

Warranty

▸ Comprehensive Lifetime Warranty

Description

NR-C14 Intelligent 19" Rack Mount Chassis is a quality design for the rack mounting of all neTrans series optical transmitters, receivers, switches, CWDM, optional SDM modules and power supply units. All electrical and optical connections are easily managed at the rear of the chassis provided by each module, along with led indicators for ease during cable connections.

If power redundancy is required, a second Power Supply Unit (NR-PSU) can be installed in the chassis to provide load sharing. If any of PSU fails, the remaining will take up the full load. An alarm is built into the PSU. The alarm activates a buzzer built into the unit when the power supply is short circuit.

All modules located within the Intelligent Chassis are hot-swappable, so that modules can be removed or replaced without powering down the entire rack.

The NeTrans Intelligent Rack design offers remote network diagnostics to maintain and manage system health.

Specifications

Electrical and Mechanical

Power Supply Input (NR-PSU)	100 ~240 VAC, 50/60Hz
Input Current	1.66A@115VAC
	0.80A@230VAC
Power Supply Output	12 VDC
Output Current	12.5A DC (max)
Output Power	150W (max)
Fuse	4A, 250V
Power Input Connector	Recessed IEC 320 3-pin male (Cable supplied)
Dimensions(HxWxD)	176 x 483 x 219 mm
Number of Slots	17
Shipping Weight	<5kg

Environmental

Operating Temp	-40°C to +75°C
Storage Temp	-40°C to +85°C
Relative Humidity	0 to 95% non-condensing
MTBF	> 100,000 hours

Ordering Information

Part Number	Description	No. of slots
NR-C14	Intelligent 19" Rack Mount Chassis with one Power Supply Unit (NR-PSU) and 14 empty slots	NA
Options		
NR-PSU	Power Supply Unit (Redundant)	3
NR-SDM	System Diagnostics and Monitoring Module	1
NR-BPF	Front Blank Panel	1

ISO 9001:2000 FM 88638

FC CE RoHS Compliant FDA REACH Lifetime Warranty

OT Systems
All Digital Fiber Optic Manufacturing Specialist

OT Systems Ltd., June 2012
Due to continuous improvement, all product specifications are subject to change without further notice.

Accessories