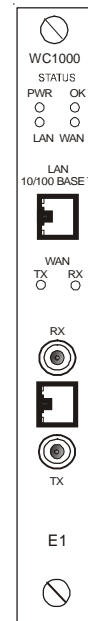


MetroRack chassis

Metrodata's MetroRack presents you with a centralised management option which offers efficient use of limited rack space by enabling a high card density. The MetroRack is a 4U high, 19" rack based chassis unit which has 13 available slots that can accommodate the SNMP management module and a selection of I/O interface modules. Spare modules can reside in the Metrorack ready for immediate additional functionality or to provide 'in situ' spares. Ease of maintenance and the provisioning of new services is fulfilled through the modules and power supplies being "hot swap" compliant.



WC1000 module



MetroRack WC1000

datasheet

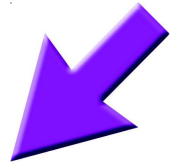
The MetroRack WC1000 LAN extender extends a LAN connection over an E1 Wide Area link. Full wirespeed filtering is supported so that only packets destined for the remote site are forwarded over the link.

The WC1000 requires no configuration in most installations, and is truly "plug and play". The subscriber port is auto-sensing and supports both 10M and 100M in full or half duplex modes. Manual selection of speed and duplex mode enables connection to fixed port routers. Cabling issues are minimised through the use of automatic MDI/MDIX selection on the subscriber port. The highly efficient HDLC encapsulation of packets ensures that maximum throughput is achieved on the WAN link. Internal packet buffering enables the WC1000 to smooth out bursty traffic without packet loss.

For more data on Metrodata products, visit our website at www.metrodata.co.uk
Metrodata reserves the right to change specifications without notice.
Please check when ordering.

Part No: 79-03-100A





WC1000 Specifications

Subscriber Port Specs		Environment & power	
No of Ports	1	Temp	0 - 50 degC
Presentation	10/100BaseTX, RJ45, Auto MDI/MDI -X	Humidity	95% RH, non-condensing
LED support	Link/Activity & Speed	Pressure	86-106 kPa
Operating mode	Auto-negotiate for 10/100, Full or Half duplex	Power	6 watts operating
Port filtering rate	148810 packets/second	Dimensions	
MAC address table	4096 entries	Type	Card with end-connector
Min/Max packet size	64 bytes / 1536 bytes	Overall dimensions	W x D x H mm
		Single slot card	25 x 235 x 177
		Double slot card	50 x 235 x 177
WAN Port Specs		WAN Port Specs	
Mode	E1	Encapsulation	HDLC
Card size	Single slot	Max packet rate	4064
Presentation	75ohm BNC or 120 ohm RJ45	LED indicators	Tx/Rx packet, WAN LOS alarm
Line rate	2.048 Mbps	Set-up	Card mounted dip-switches
Frame mode	Unframed	Alarms	LOS
Timing	Internal/loop	Diagnostics	External loop

MetroRack WC1000 Order Information

Part Number: 80-15-541

About Metrodata

Founded in 1989 and based near London's Heathrow airport, Metrodata is a leading designer and manufacturer of datacommunications hardware for Fixed line, Satellite, Enterprise and Carrier networks. Specialising in interoperability and interconnectivity, Metrodata offers a range of Standard, Niche and Systems Integration type products. These include Media converters, Interface converters, Fibre converters, Ethernet extenders and ATM switching and Circuit emulation products. Other specialist products manage high data rates and clock sensitive applications to ensure higher network performance. Metrodata provides COTS products to the commercial, government and defence sectors, as well as developing turnkey products to specific customer requirements.

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data sheet MetroRack WC1000