

# Magnum 200X

2-Port  
X-Line

# Specifications

2 Port Repeaters  
Model 200X

## PERFORMANCE:

Data Rate: 10 Mbps / second  
Partitioning: Enforced after 32 consecutive collisions  
Reconnect: After 512 bits of error-free transmission

## NETWORK STANDARDS:

Ethernet V1.0/V2.0, IEEE 802.3; 10BASE-T 10BASE2,  
10BASE5, DTE, FOIRL, 10BASE-FL

## MAXIMUM STANDARD ETHERNET LENGTHS:

10BASE-FL mm Fiber Optic 2.0 Km  
Single-mode Fiber Optic 10.0 Km  
DTE (AUI drop cable) 50 m  
10BASE-T (twisted pair) 100 m  
10BASE2 ThinNet 185 m  
10BASE5 ThickNet 500 m

## CONNECTORS:

Two Magnum RPM ports  
EC-type AC power in rear  
RPM-FST 1 fiber optic multi-mode, ST-type connector.  
RPM-FSM: 1 fiber optic single-mode, ST-type connector

## RPM Types are:

RPM-BNC: 1 BNC connector, internal terminal switch  
RPM-AUI: 1 AUI (DB-15 fem.) connector; slide-lock  
RPM-TP: 1 RJ-45 female twisted pair connector, up-link switch  
All RPMs can also be used with other Magnum "X series" products)

## OPERATING ENVIRONMENT:

Ambient Temperature: 32° to 120 °F (0° to 50 °C)  
Storage: -20 °C to 60 °C  
Ambient Relative Humidity: 10% - 95% (non-condensing)

## 200X PACKAGING:

Designed for rack or shelf mounting  
Enclosure: High-strength sheet metal  
Dimensions: 5.4 in D x 8.5 in W x 1.75 in H  
(13.7 cm D x 21.6 cm W x 4.45 cm H)  
Weight: 2.5 lb. (1.1 Kg)  
Cooling Method: Convection  
Internal Power Supply  
Power Input: 90-260 vac, 47-63 Hz, auto-ranging  
Power Connector: IEC recessed male, rear-mounted  
Power Consumption: 12 watts max

## LED INDICATORS :

PWR: Steady on when power applied  
COL: Flashes yellow to indicate a collision has been detected  
JAB: Steady on amber indicates jabber (illegal packet length condition)  
LINK (per port): Steady on green shows the connection (Fiber and TP only) is made at both ends, segment is ready.  
Other LEDs may be on individual ports depending on media type, see RPM specs.

## AGENCY APPROVALS:

UL listed (UL1950), cUL, CE  
Meets FCC Part 15, Class A

## WARRANTY:

Three years

Made in USA

© 2001 GarrettCom, Inc. Printed in United States of America Doc No. 200X-R1 04/01  
GarrettCom, Inc. reserves the right to change specifications, performance characteristics and/or model offerings without notice. GarrettCom, Magnum and Personal Switch are trademarks and Personal Hub is a registered trademark of GarrettCom, Inc. NEBS is a trademark of Telcordia Technologies. UL is a registered trademark of Underwriters Labs.

## Ordering Information

Magnum 200X 2 Port Repeaters for 10Mb Ethernet networks.

| <u>Model</u> | <u>Description</u>                    |
|--------------|---------------------------------------|
| 200X-BF      | Two Port Repeater , 1 BNC, 1 Fiber ST |
| 200X-AF      | Two Port Repeater , 1 AUI, 1 Fiber ST |
| 200X-TF      | Two Port Repeater , 1 TP 1 Fiber ST   |
| 200X-FF      | Two Port Repeater , 2 Fiber ST        |
| 200X-BB      | Two Port Repeater , 2 BNC ports       |
| 200X-BA      | Two Port Repeater , 1 BNC, 1 AUI      |
| 200X-BT      | Two Port Repeater , 1 BNC, 1 TP       |
| 200X-AA      | Two Port Repeater , 2 AUI ports       |
| 200X-AT      | Two Port Repeater , 1 AUI, 1 TP       |
| 200X-TT      | Two Port Repeater , 2 TP ports        |