



*“The Connectivity Connection”*

## EC200, EC400, EC800 Series 10 Mbps Multiport Repeaters



### Features and Benefits

- Ethernet V2/IEEE 802.3 CSMA/CD Specifications to work seamlessly with most other maker's equipment.
- Wide choice of connector configurations means that this is a tailor made solution for your network.
- Automatic Segment partitioning, Isolation and Reconnection.
- Manual partitioning of BNC ports on 400 and 800 series.
- Multiple LED Indicators per port for comprehensive segment monitoring.
- Floating Termination assures flexible, simple installation, allowing repeater to be placed anywhere on the network.
- All ports and LEDs are placed in front panel for ease of cable accessibility and monitoring.
- Internal universal (90-270V 50/60Hz) power supply.
- All EtherCom products are designed, engineered and manufactured in the U.S.A.
- 3 year return to factory warranty.

## Application Information

The Multi-port Repeater series allows for connection between two and eight Ethernet IEEE 802.3 segments. Each segment can support up to 30 computers, which means that our EC800 series repeaters can support 240 computers. The EC400 series has four BNC ports, whereas the EC800 series has eight BNC ports. For media flexibility, these units also offer AUI and / or fiber connections for connection to the backbone or remote facility. The EC200 series two port repeaters can be configured in any combination of Fiber, BNC or AUI. All multi-port series repeaters re-time data packets, regenerate preamble, extend collision fragments and automatically or manually partition problem segments. All our Multi Port Repeaters have the connectors located on the front panel for easy accessibility, and the LEDs located on the front for ease of monitoring.

## Technical Specifications - Multi-Port Repeater Series

	EC200 Series	EC400 Series	EC800 Series
<b>Network Standards</b>	Ethernet V/2 IEEE 802.3	Ethernet V/2 IEEE 802.3	Ethernet V/2 IEEE 802.3
<b>Speed</b>	10 Mbps	10 Mbps	10 Mbps
<b>LEDs</b>	Repeater: Power, Jam, Activity Per Port: Receive, Collision & Partition	Repeater: Power, Jam, Activity Per Port: Receive, Collision & Partition	Repeater: Power, Jam, Activity Per Port: Receive, Collision & Partition
<b>Power Supply</b>	90 - 270V, Universal Power Supply	90 - 270V, Universal Power Supply	90 - 270V, Universal Power Supply
<b>Power Consumption</b>	10 Watts Max.	18 Watts Max.	36 Watts Max.
<b>Dimensions / Weight</b>	7.5" W x 8.0" L x 1.7" H, 2.75 lbs.	11.0" W x 8.0" L x 2.75" H, 5.25 lbs.	15.25" W x 8.0" L x 2.75" H, 10.75 lbs.
<b>EMI &amp; Safety</b>	FCC Class A, <b>CE</b>	FCC Class A, <b>CE</b>	FCC Class A, <b>CE</b>
<b>Temperature &amp; Humidity</b>	0 to 50 C / 10% - 95% non-condensing	0 to 50 C / 10% - 95% non-condensing	0 to 50 C / 10% - 95% non-condensing
<b>Connectors (All Models):</b>			
<b>AUI Interface:</b>	DB15 female with slide locks. Ethernet type 2, or 802.3 interface + 12 volts Poly-fused outputs.		
<b>BNC (10Base2):</b>	Fully isolated outputs per 10Base2 500Vrms. Interface: Filtered ring BNC Connectors for reduced emissions.		
<b>Fiber Interface:</b>	Standard: ST Connectors. SMA connectors are available as a special order item at extra cost.		

## Ordering Information & Technical Support

TEL: (510) 440 - 0242

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EC200 Series		EC400 Series	
EtherCom Model #	Description	EtherCom Model #	Description
EC200	BNC / BNC Connections	EC400	4 BNC & 1 AUI Connections
EC201	BNC / AUI Connections	EC401	4 BNC & 1 Fiber Connections
EC202	BNC / Fiber Connections		
EC203	AUI / AUI Connections	EC800 Series	
EtherCom Model #	Description	EtherCom Model #	Description
EC204	AUI / Fiber Connections	EC800	8 BNC & 2 AUI Connections
EC205	Fiber / Fiber Connections	EC801	8 BNC & 1 AUI & 1 Fiber Connections
EC205MS	Multi Mode Fiber / Single Mode Fiber Connections	EC802	8 BNC & 2 Fiber Connections
EC205SS	Single Mode Fiber Connections		

Note: All EtherCom Fiber Products Can Be Supplied In Single Mode Configuration



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