

Magnum Coax Transceivers



FEATURES

- *Flexible media options support 10BASE5 and 10BASE2 network environments*
- *Single direct network connection adds up to four users via AUI ports*
- *Shared power from the AU devices eliminates the need for external power supply*
- *Comprehensive LEDs provide network diagnostic, status, and performance information*
- *Three years manufacturer's warranty*

Magnum Coax Transceivers offer a simple, cost-effective method for direct connection of network devices to the Ethernet backbone. Magnum Transceivers comply with Ethernet V1.0/V2.0 and IEEE 802.3 specifications to support ThickNet (10BASE5) and ThinNet (10BASE2) backbones. Using a single network tap (BNC tee, N-Type connector, or cable piercing tap), Magnum Transceivers allow from one to four devices to be easily added to the network via AUI port connections, while appearing as a single transceiver to the network. Each transceiver is manufactured with a metal enclosure to ensure highly reliable operation that meets FCC emission standards. Because of their reliability, Magnum Transceivers are backed by a three year manufacturer's warranty.

The Magnum Transceiver Family consists of three models; the Model 110, 120, and 140. Magnum Transceivers use power from the AUI devices to provide equipped with conveniently placed, easy-to-read LED indicators that convey with a user-configurable SQE (Signal Quality Error, or "heartbeat") function. The four-port Model 140 is further enhanced with individual port SQE switches and indicator LEDs for jabber.

SPECIFICATIONS

PERFORMANCE:

Data Rate: 10Mbps / second

NETWORK STANDARDS:

Ethernet V1.0/V2.0, IEEE 802.3; 10BASE-5, 10BASE2

MAXIMUM STANDARD ETHERNET LENGTHS:

AUI drop cable (DTE): 50m (164 ft)
 10BASE2ThinNet: BNC 185m (607 ft)
 10BASE5 ThickNet: 500m (1640 ft)

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)

INPUT VOLTAGE:

8 - 16 v (all models)

LED INDICATORS:

LED	110	120	140
RX	X	X	X
COL	X	X	X
TX	X	X	X
PWR	X		X
JAB			X
SQE	X	X	X

INPUT CURRENT:

Model 110: 230 matyp., 300 ma max.

Model 120 & 140: 370 matyp., 450 ma max.

PACKAGING:

Enclosure: Rugged high-strength sheet metal

Dimensions:

110: 3.5 in x 2.5 in x 1.125 in
 (8.9 cm x 6.4 cm x 2.9 cm)
 120: 4.25 in x 3.0 in x 1.5 in
 (10.8 cm x 7.6 cm x 3.8 cm)
 140: 6.75 in x 2.75 in x 1.75 in
 (17.1 cm x 7.0 cm x 4.4 cm)

Weight:

110: 6.8 oz (0.19 Kg)
 120: 7.5 oz (0.21 Kg)
 140: 1 lb (0.45 Kg)

Cooling Method: Convection

CONNECTORS:

AUI: D-Sub 15 female (with slide-lock)
 DTE: D-sub 15 pin male (with lock posts)
 ThinNet: BNC

SWITCHES

SQE Switches per port, Model 140

AGENCY APPROVALS:

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

WARRANTY:

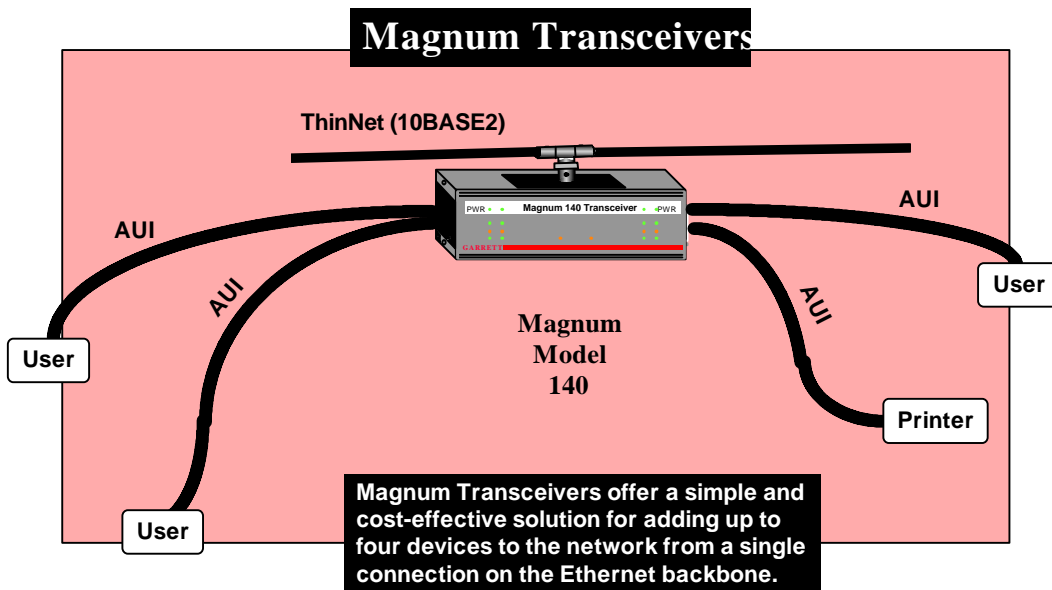
Three years Made in USA

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ORDERING INFORMATION:

No of AUI Ports	Network	Connector	Type	
	No Tap	Cable Piercing	N-Series	BNC tee
One	110-0	110-1	110-2	110-3
Two	120-0	120-1	120-2	120-3
Four	140-0	140-1	140-2	140-3



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