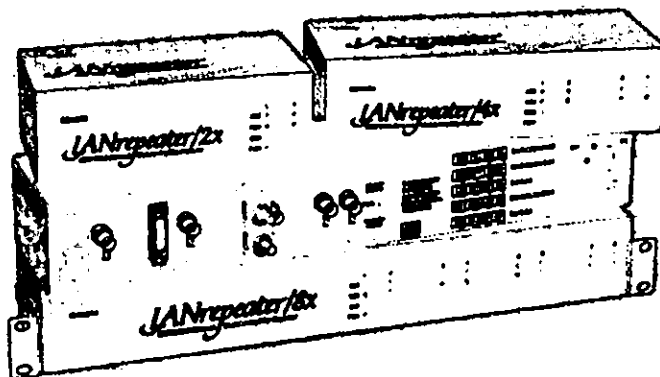


# Modular Ethernet Repeaters

Networking  
The World  
Since 1988



IMC Networks' IEEE 802.3 compliant *AnyWay LANrepeaters* are small, modular and easy to configure. *LANrepeater/2x*, *LANrepeater/4x* and *LANrepeater/8x* have two, four and eight slots, respectively, for installing Port Interface Modules (PIMs) in any combination.

*LANrepeater/4x* and *LANrepeater/8x* feature the capability to be configured with multiple collision domains in a single chassis — eliminating the need for multiple repeaters. Configuring repeaters with multiple collision domains can increase the available bandwidth and improve network performance. Multiple collision domains are configured by installing Controller Modules (see diagram on reverse side).

## Configure your LANrepeater/x base unit with interchangeable PIMs!

The basic building blocks for the modularity of *AnyWay LANrepeaters* are the single-port, 'hot-swappable' Port Interface Modules (PIMs).

PIMs are available in the following versions:

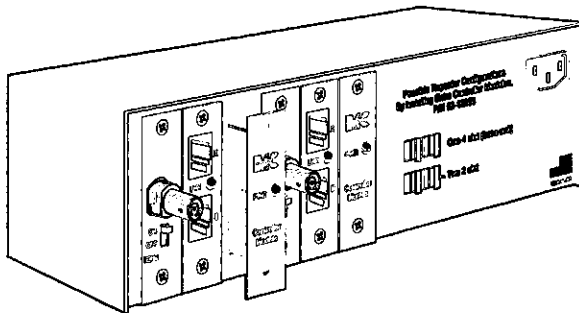
- ▶ BNC PIM includes one BNC connector for a 10BASE2 coaxial segment; optional support of 93 Ohm (ARCnet, IBM 3270) and 75 Ohm (PCnet, WANG) cabling using 93 or 75 Ohm CORKs
- ▶ TP PIM includes two RJ-45 connectors (one for pass-through, one for crossover) for a 10BASET UTP/STP link segment
- ▶ FO-STII PIM\* includes one pair STII connectors for a 10BASEFL/ FOIRL link segment
- ▶ FO-SingleMode PIM\* includes one pair STII connectors for a single-mode fiber optic link segment
- ▶ AUI PIM includes one 15-pin, female, slide-lock AUI connector for a DTE to transceiver connection
- ▶ WS PIM includes one 15-pin, male AUI connector for a DCE to workstation connection

## Low Cost and Easy to Use!

- ▶ IEEE 802.3 10BASE2, 10BASE5, 10BASET, 10BASEFL/FOIRL and single-mode fiber compliant
- ▶ Adheres to IEEE 802.3 standards for repeater performance
- ▶ Modular architecture allows for 2 (min.) to 8 single-port, 'hot-swappable' Port Interface Modules (PIMs) to be installed in any combination
- ▶ *LANrepeater/4x* and *LANrepeater/8x* can be configured with multiple collision domains by adding additional Controller Modules
- ▶ Unit and port status LEDs and diagnostic LEDs
- ▶ Automatic partitioning
- ▶ Power supply can be either 115/230VAC or, on a special order basis, -48VDC
- ▶ Install PIMs in any combination in any available PIM slot
- ▶ Externally switch-selectable termination on BNC ports. Also optional support of 93 Ohm (ARCnet, IBM 3270) or 75 Ohm (WANG, PCnet) coaxial cabling

\*Fiber optic products come with STII connectors but are also available with SMA connectors. Contact IMC Networks.

# ANYWAY REPEATERS



*LANrepeater/4x*

As LAN requirements change, additional Controller Modules can be installed to create multiple collision domains.

## Ordering Information

### Ethernet Repeaters (base units)

- 52-10882 LANrepeater/2BNCx
- 52-10802 LANrepeater/2x
- 52-10804 LANrepeater/4x
- 52-10808 LANrepeater/8x
  
- 52-10812 LANrepeater/2xr (rackmountable)
- 52-10814 LANrepeater/4xr (rackmountable)
- 52-10816 LANrepeater/6xr (rackmountable)
- 52-10818 LANrepeater/8xr (rackmountable)

### Controller Modules

- 52-12888 LANrepeater/x Controller Module

### Port Interface Modules (PIMs)

- 52-12517 PIM, BNC
- 52-12518 PIM, TP
- 52-12519 PIM, FO-STII
- 52-12539 PIM, FO-SingleMode
- 52-12530 PIM, AUI/12v
- 52-12521 PIM, WS

### Cabling Option Resistor Kits (CORKs)

- 90-39175 75 Ohm CORK/SNMP
- 90-39193 93 Ohm CORK/SNMP

### Options

- 95-39702 Optional Rackmount Brackets for LANRepeater/8x
- 95-39622 Wallmount Brackets for LANrepeater/x

## Specifications

### Environmental

- Operating Temperature: 32° – 122°F (0° – 50°C)
- Storage Temperature: 22° – 160°F (-6° – 71°C)
- Humidity: 5 – 95% (non-condensing)

### Power

- AC Input Load: 120/240V~50/60Hz, 1/.5A
- DC Input Load: -48VDC\*

\*Available upon special request, prices may vary.

### Mechanical

#### Dimensions:

- LANrepeater/2BNCx: 2 1/2"H x 7 1/2"W x 3 13/16"D  
(6.4cm x 19.1cm x 9.7cm)
- LANrepeater/2x: 2 1/2"H x 7 1/2"W x 3 13/16"D  
(6.4cm x 19.1cm x 9.7cm)
- LANrepeater/4x: 2 1/2"H x 9 13/16"W x 3 13/16"D  
(6.4cm x 24.9cm x 9.7cm)
- LANrepeater/8x: 2 1/2"H x 17 3/8"W x 3 13/16"D  
(6.4cm x 44.1cm x 9.7cm)

#### Base Shipping Weight

- LANrepeater/2BNCx: 3.5lbs. (1.6kg)
- LANrepeater/2x: 3.5lbs. (1.6kg)
- LANrepeater/4x: 4.0lbs. (1.8kg)
- LANrepeater/8x: 6.5lbs. (3.0kg)



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Document # 52-90802  
September 1995