

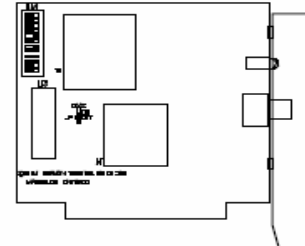
### CorNet ARCNET Adapter PC Coax QNX

#### DESCRIPTION

This is a coax ARCNET adapter. This adapter is fully compatible with both QNX 2 and QNX 4.

#### OPERATING ENVIRONMENT

- Power : +5V DC +/-5% @ 1A (typical less than 200mA)
- Operating Temperature: -12V DC +/- 5% @ 21 mA
- Storage Temperature: 0 to 43 °C
- Humidity: -40 to 125 °C
- Signal Levels: 5% to 80% (non-condensing)
- Transmit: 15.4 Vp-p    Receive sensitivity: 3.0 Vp-p



#### ARCNET LAN INTERFACE

- Modified Token Passing Local Area Network
- 2.5 Megabaud transmission
- Supports up to 255 nodes
- Requires only 8 kbytes of Address Space
- IBM PC, XT, AT and compatible
- Switch selectable memory map base address (CC00,CE00,DC00,DE00,EC00,EE00)
- Menu selectable node ID and interrupt level (levels 2,3,4,5,6 & 7)
- 2 KB dual ported RAM buffer for high speed interleaved message transfer
- Software reset capability

#### PHYSICAL SPECIFICATIONS

- PCB mounted low profile BNC connector to RG-62 A/U 93 Ohm coaxial cable
- LED indicators: green    - indicates network is operating normally  
red        - indicates node activity
- Short length 8 Bit ISA Bus Card ( 4.97" long)

#### INSTALLATION CONSIDERATIONS

- Coax Cable type
- RG62A/U 93 ohm with BNC connectors
- Coax Distances
- From node to hub 2000 ft. (600 m)
- Total network span up to 22,000 ft. (6600 m) (using standard time-outs)
- Maximum of 10 active hubs may be between any two nodes on the network



CONFORMS TO THE FOLLOWING STANDARDS

- ARCNET: ANSI 878.1
- EMC: EN55022:1994 (Emissions)  
CISPR 22 1993-12 Class B  
FCC Part 15 Class A  
EN 50082-1 (Immunity)  
IEC 801-2:1991  
8KV Contact, 15KV Air  
IEC 801-3:1984  
3V/m  
IEC 801-4:1988  
0.5 KV Signal line,  
1 KV Power line
  
- European CE compliance

Specifications subject to change without notice.

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