

Mini and Micro Transceivers

Compact BNC or fiber connections
that are simple to install
and maintain.



FEATURES

- » Connect compatible devices to a ThinNet or fiber optic Ethernet segment.
- » Compact and lightweight for easy placement.
- » Diagnostic LEDs simplify monitoring and troubleshooting.
- » All models attach directly to device ports, saving on AUI cabling.

OVERVIEW

For their size, flexibility, and convenience, our BNC and Fiber Optic Transceivers are the transceivers of choice to connect any device to your 10-Mbps ThinNet or fiber segments.

For a basic multimode fiber connection that takes up the least possible space, choose the Mini Fiber Transceiver (LE2051A-ST-R4). It's tiny, but it has all the diagnostic LEDs built in.

A Mini FOIRL LD Transceiver with ST (LE2127A-R3) is an economical choice for an older FOIRL network when you don't need 10BASE-FL compatibility.

For single-mode fiber networks, choose the Micro Single-Mode Fiber Transceiver (LE1342A-R3).

All fiber models are available with ST® connectors for the fiber interface and DB15 male connectors for the AUI interface.

Switch-selectable SQE and 10BASE-FL or FOIRL compatibility make these transceivers fit any standard 10-Mbps application.

The Mini BNC Transceiver (LE2006A-R3) is perfect for use in small spaces. It connects the Ethernet port on your PC directly to ThinNet cable without using a transceiver cable.

TECH SPECS

All Transceiver Models:

Compliance — UL®, CSA, TUV, FCC, VDE, CE
Environmental —

Operating Temperature: 32 to 122°F (0 to 50°C);
 Storage Temperature: 32 to 149°F (0 to 65°C);
 Humidity: Up to 95%, noncondensing

Mini BNC Transceiver (LE2006A-R3):

Standards — IEEE 802.3, Ethernet Version 2
Connectors — (1) DB15 AUI M, (1) BNC F
Indicators — (6) LEDs: Power, SQE, RCV, TX, JAB, and COL
Power — From the DTE interface, 12 VDC, 120 mA
Size — 0.8"H x 3.8"W x 1.8"D (2 x 9.7 x 4.6 cm)
Weight — 0.2 lb. (0.09 kg)

Mini Fiber Transceiver (LE2051A-ST-R4):

Standards — 802.3 10BASE-FL Ethernet
Speed — 10 Mbps
Maximum Distance — 1.2 mi. (1.9 km)
MTBF — 200,000 hours
Connectors — (1) DB15 male, (2) ST female
Indicators — (7) LEDs: PWR, TX, COL, JAB, SQE, LNK, RX
Power — From the AUI interface; Input Voltage: 10–15 VDC, 500 mA
Size — 0.8"H x 1.8"W x 2.8"D (2 x 4.6 x 7.1 cm)
Weight — 0.3 lb. (0.1 kg)

Micro Single-Mode Fiber Transceiver (LE1342A-R3):

Standards — 802.3 10BASE-FL Ethernet
Speed — 10 Mbps
Maximum Distance — 4.9 mi. (7.9 km)
Connectors — (1) DB15 male, (2) ST female
Indicators — (6) LEDs: JAB, Link, COL, RX, TX, Power
Power — From the interface
Size — 0.6"H x 1.6"W x 2.5"D (1.5 x 4.1 x 6.4 cm)
Weight — < 0.5 lb. (< 0.2 kg)

Mini FOIRL LD Transceiver, ST (LE2127A-R3)

Standards — IEEE 802.3 FOIRL Ethernet
Speed — 10 Mbps
Maximum Distance — 1.2 mi. (1.9 km)
MTBF — 1,399,000 hours
Connectors — (1) DB15 male, (2) ST female
Indicators — (4) LEDs: TX, RX, CD, Status
Power — From the DTE
Size — 0.9"H x 1.7"W x 3.5"D (2.3 x 4.3 x 8.9 cm)
Weight — < 0.5 lb. (< 0.2 kg)

Item	Code
Mini BNC Transceiver (AUI to Thin Coax)	LE2006A-R3
◆ Includes [1] 20-ft. ThinNet Cable (LCN300-0200).	
For distances up to 1.2 miles (1.9 km), choose...	
wMini Fiber Transceiver (AUI to Fiber)	LE2051A-ST-R4
For distances up to 4.9 miles (7.9 km), order...	
Micro Single-Mode Fiber Transceiver	LE1342A-R3
For equipment that conforms to the older FOIRL multimode standard, select...	
Mini FOIRL LD Transceiver, ST (AUI to Fiber)	LE2127A-R3
You may also need...	
Duplex Fiber Optic Cable	EFN062-CC
Transceiver Cable	LCN200