NC556 Ethernet to Fiber Converter

DESCRIPTION

The NC556 Ethernet to Fiber Converter is used when Ethernet connections in any Tek-CARE® nurse call system must be extended over 100 meters. The NC556 Ethernet to Fiber Converter is particularly useful for large campuses or in instances when the Tek-CARE central equipment cabinets are located in multiple buildings and must be interconnected to create a single system.

The NC556 Ethernet to Fiber Converter does not require setup or configuration—it is a truly plug-and-play device and is operationally transparent to the nurse call system. Potential uses for the NC556 include linking Tek-CARE central equipment cabinets, connecting a NC475 Tek-CARE Appliance Server to a remote Tek-CARE central equipment cabinet, or extending the Tek-CARE Network to NC404TS Master Stations.

The NC556 supports a maximum fiber optic cable length of 2 kilometers (1.2 miles). The NC556 is designed for SC-terminated multimode fiber optic cable. The fiber converter fully complies with applicable IEEE 802.3 standards. It is UL® 1069 listed for use with the Tek-CARE nurse call system.

A 12 VDC power transformer is included. As an integral part of the nurse call system, the NC556 Ethernet to Fiber Converter must be connected to a Uninterruptible Power Supply and life safety electrical circuit.

TekTone® recommends that the NC556 Ethernet to Fiber Converter be installed by a technician who is experienced in making multimode fiber connections.

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SPECIFICATIONS

- Product Dimensions: 3.7"H × 3.0"W × 0.8"D (94 mm × 76 mm × 20 mm)
- Local Unit Connectors: 1 — 8P8C Female
- Remote Unit Connectors: 1 — Fiber Optic SC Female
- Max Data Transfer Rate: 10/100 Mbps
- Max Transfer Distance: 2 km (1.2 miles)
- Fiber Type: Multi Mode
- Wavelength: 1310 nm
- Power Consumption: 200 mA @ 12 VDC
- Enclosure Type: Plastic
- Environment: 0°C – 50°C (32°F – 122°F), 10% – 90% Relative Humidity

FEATURES

- Compliant with IEEE 802.3 (10Base-T), 802.3u (100Base-FX) standards, and 802.3u (100Base-TX) standards
- Wall mountable or desktop installation options
- No configuration, Plug-and-Play installation

APPLICABLE SYSTEMS

- Tek-CARE®120 or 160 Nurse Call System
- Tek-CARE®400 or 400 P5/P5+ Nurse Call System
- Tek-ALERT® Alert Integration Manager
- Tek-CARE®500 Wireless Nurse Call System
- Tek-CARE®700 Wander Management System