

### 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

### 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.

### Listings



UL® 1069 Listed and cUL® Listed to CSA C22.2 No. 205; UL® File Number E71599. Evaluated to UL60950-1 Standard.



NC556 Ethernet to Fiber Converter

### Specifications

|                         |  |
|-------------------------|--|
| Dimensions:             | 3.7"H × 3.0"W × 0.8"D<br>(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 |

### Applicable Systems

Tek-CARE® 120 or 160 Nurse Call Systems  
Tek-CARE® 400, P5/P5+/GEN3 Nurse Call Systems  
Tek-ALERT® Alert Integration Manager  
Tek-CARE® 500 Wireless Nurse Call System  
Tek-CARE® 700 Wander Management System