

### 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 Tek-CARE Appliance Server to a remote Tek-CARE Central Equipment cabinet, or extending the Tek-CARE network to NC402TS 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.



NC556 Ethernet to Fiber Converter

### Specifications

Product Dimensions:	3.7" × 3.0" × 0.8"
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 System  
Tek-CARE®400 Nurse Call System  
Tek-ALERT® Alert Integration Manager  
Tek-CARE®500 Wireless Nurse Call System  
Tek-CARE®700 Wander Management System