



The ComNet™ CopperLine® Ethernet-over-coax minis are an ultra-small form factor addition to the ComNet Copperline product family. These miniature remote units provide 10/100 Mbps Ethernet data over extended distance coaxial cable, up to 1,200 feet (400 meters). The mini CopperLine units will allow extended distance over copper to be used in standard applications where space is extremely limited. A DIP Switch allows configurable selection of 10 Mbps or 100 Mbps speed these units are simple to install. This CopperLine® Value kit provides two units with power supplies.

FEATURES

- › Transmits individual Ethernet data over Coaxial cable
- › Extends Ethernet up to 1,200 feet (400 m) over Coaxial cable
- › Temperature operation from -0°C to +50°C
- › Full 10/100 Mbps Bandwidth
- › Supports Multicast, Unicast and Jumbo Frame
- › Symmetric Bandwidth provides consistent upload and download with virtually zero packet loss over the total usable distance
- › Type tested to RFC-2544 TCP/IP network bandwidth packet transmission standards
- › User-selectable data rate for maximum bandwidth and transmission distance utilization
- › Complies with all major IEEE standards and RFC network protocols for UDP, TCP/IP, HTTP/HTTPs
- › Designed and manufactured in the USA
- › LED status indicators confirm operating status
- › Can be DIN-rail mounted with optional DINBKT4 mounting kit
- › 5 Year Warranty

APPLICATIONS

- › Retrofit existing analog CCTV installations to Ethernet-based systems
- › CCTV systems for casinos, airports, school campuses

SPECIFICATIONS

Ethernet

Data Interface	10/100BaseT(X) Ethernet
Data Rate	DIP switch selection of 10/100 Mbps Full data rate / full duplex up to the maximum rated distance
RFC	2544 TCP/IP Packet Transmission
Standards	RFC: 768 UDP, 2068 HTTP, 793 TCP 791 IP, 1783 TFTP, 894 IP over Ethernet.

Connectors

Ethernet	RJ-45
Extended Distance	BNC
Operating Power	2-pin screw terminal

LED Indicators

Operating Power
Ethernet Link and Activity
Extended Link and Activity

Power

Operating Voltage	12 VDC or 24 VAC
Power Consumption	1.5 W

Mechanical

Current Protection	Automatic Resettable Solid-State Current Limiters
Circuit Board	Meets IPC Standard
Size (L×W×H)	2.3 × 1.6 × 1.1 in (5.7 × 4.1 × 2.8 cm)
Shipping Weight	<1 lbs./0.45 kg

Environmental

MTBF	>100,000 hours
Operating Temp	0° C to +50° C
Storage Temp	- 10° C to +60° C
Relative Humidity	0% to 95% (non-condensing) ²



ORDERING INFORMATION

Part Number	Description
CLEK11EOC	2 × Miniature CopperLine Single Channel Ethernet over COAX External Power
Accessories:	Unit-appropriate power supply (one each provided with each extender unit)
Options	[2] Add suffix 'C' for Conformally Coated Circuit Boards to extend to condensation conditions (Extra charge, consult factory) DIN-Rail Mounting Adaptor Kit - With Mounting Hardware (Optional, order model DINBKT4)

TYPICAL APPLICATIONS

