

VX-160COAX

Ethernet Extender



Local Powered PoE Repeater Over Two Coaxial

The VX-160COAX Pair can connect through an Ethernet with remote PoE capability at a distance of up to 4,500 ft over 5C2V coaxial cable.

The VX-160COAX Pair works with one master and one slave (client) units. In addition, it complies with Safety-Extra-Low-Voltage (SELV) standards.

Specifications

Features

Remote Line Power over Coaxial Cables:

- Maximum 4,500 ft distance for 5C2V Coaxial cable
- Line rate of up to 60 Mbps full duplex
- Dip Switches for line speed settings with Slave following Master
- Up to 7 or 20 watts via PoE, depending on power from Master
- IEEE 802.3af PSE Compliant for Class 0-3.
- Auto MDIX for 10/100 BaseT Ethernet LAN Ports
- Low-Latency for Video/Voice/Data applications

LAN Interface:

- IEEE 802.3af Compatible PSE on Slave
- Auto-Detection for 10/100 BaseT and Half/Full duplex
- Fully compatible with IEEE802.3/IEEE802.3u
- Automatic MDIX Function
- Connector: RJ45

LAN Interface:

- Line Rate: 60/60 ~ 10/10Mbps (full duplex)
- Rate Selection: Dip Switches with Slave following Master
- Safety Extra Low Voltage (SELV) Compliant (< 60V)
- Connector: BNC

Remote PSE:

- IEEE 802.3af Compliant with output voltage within 44 – 57Volt
- Power Auto Restart with Under Voltage Lockout (UVLO) Fault Detection
- Maximum output power of up to 30 Watts depending on power and distance from master

LED Indicators:

- PO
- LA
- Power is ON
- Data Activity of LAN
- LINE: Coaxial Wire Connection
- M/S: Master or Slave

Additional Features

- Physical Dimension:
 - VX-160POE: 120 x 90 x 28 (mm)
- Operating Environment:
 - Humidity: 5% to 95% non-condensing
 - Temperature: 0 ~ 50 degree C
- Regulatory Compliance:
 - FCC Rules Part 15 Class A
 - CE



Master: VX-160COAX

Type

- Compact Metal Box

Input Power by

- Local high power

Transmit Ether/ PoE over

- Coaxial cable



Slave (Client): VX-160COAX

Type

- Compact Metal Box

Input Power by

- Coaxial cable

Output via Cat.5 Cable with

- Ethernet/ PoE-PSE

