



# ENABLE-IT 650 COMPOSITE AUDIO / VIDEO EXTENDERS

The Next Generation  
Broadband



## Enable-IT 650 Video Extension Solution



### Composite

- **Audio (stereo)**
- **Video (coax)**

**Extends RG59 coax  
cabling and RCA audio  
up to 657ft or 200m.**

**Small footprint for  
simple installation**

**Saves costs of re-  
wiring and expensive  
video repeater  
equipment.**

**Plug and Play  
installation allows  
rapid connectivity of  
your extended A/V  
link.**

**Audio is delivered in  
Stereo, not mono.**

**Video is composite  
color, not  
monochrome.**

The **Enable-IT 650 A/V Extender** is a unique product that leverages digital technology to drive industry standard composite A/V signals to 657ft or 200m over any Category rated cabling. This cost-effective solution eliminates many of the limitations and high costs for extending RG59 coax for A/V signals today.

The 650 A/V Solution is a pair of Ethernet line drivers that utilize a existing Category rated wiring between each 650 A/V Extender. Works with shielded twisted pair (STP) and unshielded twisted pair (UTP) Cat3 or CAT5 cabling. Plug and Play use, no programming required.

The Enable-IT 650 A/V solution is comprised of two extender units that can be used interchangeably-one is installed near the video signal source, the other to be placed near the desired display, up to an impressive 657ft or 200m away.

The kit includes an installation/mounting kit, as well as a BNC to RCA composite video adapter.

### HIGHLIGHTS

- Extends composite audio and video up to 657ft or 200m from source
- Enables A/V connectivity to remote source at a fraction of the previously costly options
- Operates over CAT 3 or CAT 5 Shielded or unshielded cabling
- Plug and Play operation right out of the box.

### FEATURES & SPECIFICATIONS

#### Features:

- Kits ships with wall mount adapter and power supply.
- Can be used in home or commercial applications as a fast, and cost-effective means of connecting composite video equipment.
- Ideal for classrooms, projectors, video cameras, tradeshows, and retail.

Warranty: 1 Year warranty

Color: Black

Product Height: 0.94 in [24 mm]  
Product Length: 4.33 in [110 mm]  
Product Width: 3.03 in [7.7 cm]

Product Weight: 16.24 oz [460 g]

Regulatory: FCC, RoHS, CE, WEEE

Operating Temp: 0 – 50C / 32 -122F

#### Connectors:

- 1 x RJ45 Female (local and remote unit)
- 1 x BNC composite video connector (local and remote unit)
- 1 x Stereo RCA audio connector (local and remote unit)

Video Adapter Includes 2 x BNC to RCA composite adapters





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### Before You Begin

#### System Requirements

- A Composite Video Source
- An RCA (component) audio source
- Input and output Component Video cables and RCA audio cables
- A display with an available Composite Video input
- RCA (composite) audio playback availability

### Enable-IT 650 Basic Setup

1. Connect your (Local end) Coax Composite Video cable to the Coax output on the back of your video source. i.e. Your coax video camera. Connect the opposite end of the same Coax Composite Video cable to the Coax connector of the (Local) Enable-IT 650 extender labeled Video.
2. Connect your (Local end) Composite Audio cabling to the like color RCA outputs on your video source. i.e. Your video camera microphone. Connect the opposite end of the same RCA composite cabling to the (Local) Enable-IT 650 extender labeled L - Audio - R.
3. Now using your CAT 5e or better rated Ethernet cabling (no longer than 660ft / 200m) attach to the (Local) Enable-IT 650 extender RJ-45 LAN port. Attached the opposite end of this CAT 5e or better rated Ethernet cabling to the (Remote) Enable-IT 650 extender RJ-45 LAN port.
4. On your (Remote end) connect your Coax Composite Video cable to the Coax connector of the (Remote) Enable-IT 650 extender labeled Video. Connect the opposite end of the same Coax Composite Video cable to the Coax connector on your video display.
5. Connect your (Remote end) Composite Audio cabling to the like color RCA outputs on your video display.

