Overview

The HDMI-over-Coax Extender Kit (500465) allows an HDMI source to be connected to an HDMI receiver up to 250 ft (76 m) at 1080p resolution via one (1) coax cable in a point-to-point configuration. Furthermore, the product may be cascaded via the HDMI-over-Coax Receiver (500465-RX) in order to support multi-display applications.

Applications

Digital signage, industrial and commercial AV systems, classroom projector systems, boardroom systems, medical information systems, retrofit.
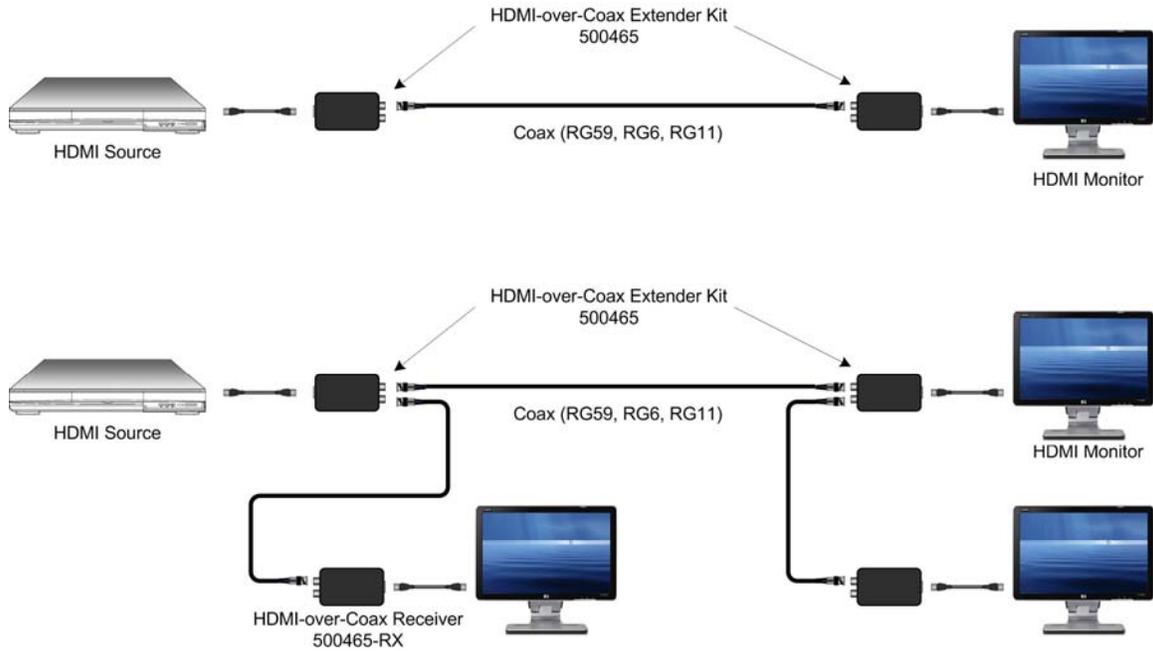
Key Features

Supports HDMI over one RG59 coax cable
Up to 250 ft (76m) at 1080p resolution
Up to 500 ft (152m) at 1080i/720p resolution
Ideal for harsh electrical environments
Cascadable on the TX and RX side

Specifications	
Environment	HDMI 1.3a
Devices	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI
Transmission	Transparent to the user
Signals	HDMI 1.3a, line level stereo audio
Connectors – Transmitter	One (1) HDMI receptacle for Input One (1) BNC-F for Coax Output One (1) BNC-F for Coax Cascade Output
Connectors – Receiver (500465-RX)	One (1) HDMI receptacle for Output. One (1) BNC-F for Coax Link Input One (1) BNC-F for Coax Cascade Output
Max. Distance via RG59 coax* *Based on a maximum length of 6.6 ft (2m) of HDMI cable per end	480i: RG-59: 650 ft (198 m) RG-6: 800 ft (244 m) 720p, 1080i: RG-59: 500 ft (152 m) RG-6: 650 ft (198m) 1080p: RG-59: 250 ft (76 m) RG-6: 300 ft (91 m)
LED Diagnostics	Power (Red) HDMI Sync (Green) Coax Sync (Green)
Cable	One (1) RG59 or RG6 coax cable.
Power Supply	Two (2) 110-240V/5VDC/2A power supply
Power Consumption	Transmitter: 2.75W Receiver: 5.15W
Temperature	Operating: 0º to 55º C. Storage:-20º to 85º C. Humidity: up to 95% non-condensing.
Enclosure	Metal
Dimensions	4.60" x 2.4" x 1.1" (11.8 x 6.2 x 2.8 cm)
Shipping Weight	500465: 2.2 lb (1.08 kg) 500465-RX: 1.1 lb (.54 kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	500465 HDMI-over-Coax Extender Kit (includes Tx, Rx, 2x PSU) 500465-RX HDMI-over-Coax Receiver (includes Rx, 1x PSU)

Typical Applications

HDMI-over-Coax Extender Kit
500465

HDMI Source

Coax (RG59, RG6, RG11)

HDMI Monitor

HDMI-over-Coax Extender Kit
500465

HDMI Source

Coax (RG59, RG6, RG11)

HDMI Monitor

HDMI-over-Coax Receiver
500465-RX

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