

Overview:

The HDMI over Coax Extender Kit (500465) allows an HDMI source to be connected to an HDMI display up to 250ft (76m) 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.



KVM Related 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 250ft (76m) at 1080p resolution
- Up to 500ft (152m) at 1080i/720p resolution
- Ideal for harsh electrical environments
- Cascadable on the TX and RX side

Environment	HDMI 1.3a, 3G-SDI, HD-SDI & SD-SDI	
Devices	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI.	
Transmission	Transparent to the user	
Bandwidth	225 MHz	
Signals	HDMI 1.3a & SDI protocol	
Supported Resolution	480i, 576i, 720p, 1080i, 1080p/23.98/24/25/29.9/30/50/59.94/60	
Connectors	One (1) HDMI receptacle. Two (2) BNC Female 75 Ohms. <i>Note: HDMI cables not included.</i>	
Maximum Distance	480i:	RG-59: 650ft (198m) RG-6: 800ft (244m)
	720p, 1080i:	RG-59: 500ft (152m) RG-6: 650ft (198m)
	1080p:	RG-59: 250ft (76m) RG-6: 300ft (91m)
<i>Based on a maximum length of 6.6 ft (2 m) of HDMI cable per end.</i>		
Cable	One (1) RG-59 or better cable required	
Power Supply	Two (2) 110-240V/5VDC power supplies with interchangeable blades	
Power Consumption	Transmitter: 3.30 Watt	Receiver: 3.55 Watt
Temperature	Operating: 0° to 40°C	Storage: -20° to 85°C
	Humidity: Up to 95% non-condensing	
Enclosure	Metal	
Dimensions	4.72" x 3.54" x 1.18" (12.0 x 9.0 x 3.0 cm)	
Weight	1.3 lbs (0.59 kg)	
Compliance	Regulatory: FCC, CE, RoHS	Flammability: 94V0
Warranty	2 years	
Order Information	500465 HDMI Over Coax Extender Kit 500465-TX HDMI Over Coax Transmitter 500465-RX HDMI Over Coax Receiver	

Typical Application

