SpeedStar™ HDMI™ Connector

SpeedStar™ Pass-Through HDMI™ Connector

Product Description

The Suttle SpeedStar™ connector module incorporates High Definition Multimedia Interface (HDMI™) technology, allowing this flexible interface to be used with any SpeedStar™ outlet in the premise.

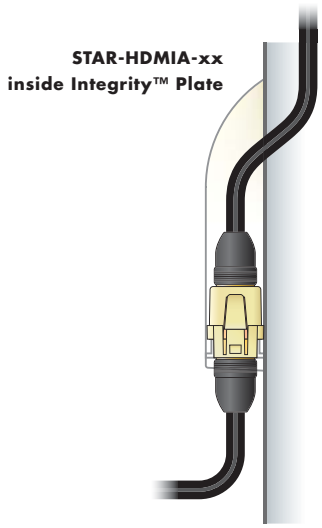
Features

- ***Ideal for HD video and audio***
- ***For use in all SpeedStar™ plates and housings***

Specifications

Connector Type	HDMI™ Input / HDMI™ Output - refers to type A connector, 19Pin
Insulation	Black Thermoplastic, Gold Plated Shell
Contacts	Gold over Nickel Plated Copper Alloy
PCB	FR-4 Tin Plating (Lead Free)
Housing	UL 94V-0 plastic
Electrical Characteristics	
Current Rating	0.5A
Voltage Rating	40V
Contact Resistance	30m Ohms Max
Insulation Resistance	Unmated 100M Ohms min at 500VDC Mated 10M Ohms min at 150VDC
Dielectric Withstand	300VAC/1Min
Operating Temp	-20C to +85C
Storage Temp	-20C to +65C

RoHS COMPLIANT



Application Notes

The HDMI Specifications do not specify cable lengths. However, for long cable runs the following is recommended:

If you need to send a 1080p signal more than 25 feet, or a 1080i signal more than 49 feet, active electronics will help clean up and boost an HDMI signal when it's traveling long distances. You can purchase either a stand-alone booster or an active cable, where the circuitry is embedded in the connectors themselves. In both cases, the connection requires a power source.

HDMI over CAT5e/6: *Runs of up to 50 meters can be achieved by sending the HDMI signal over a run of CAT5e/6 networking cable, using special adapters designed for this purpose. These products incorporate booster and equalization electronics at each end of the path and require external power. Because of its tighter manufacturing tolerances, CAT6 cable is generally preferred over CAT5 in these applications. For more information on Suttle HDMI over CAT5e/6 products, please visit us online at www.suttleonline.com*

Part #	Description
STAR-HDMIA-xx	SpeedStar™ pass-through HDMI™ connector
	Colors (-xx): (52) Electrical Ivory, (64) Light Almond, (85) White

Specifications subject to change without notice. Copyright 2010. Revision: 05/10

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