

Micro HDMI Active Optical Cable (UMO-xx)

OVERVIEW

Unive's UMO is the first and the smallest HDMI D to A cable that sends high definition video data from Mobile products built with D type HDMI port such as Tablet PC, Smart Phone, and Note PC to large display in accordance with High-speed HDMI standard.

Unive's unique and innovative technology makes a very compact type D plug connector possible. Hybrid cable is lightweight, flexible, clear, and thin. Also it has an excellent HDMI transmission characteristic that, compared to the conventional copper cable, has gained an ascendancy.

New technology has applied to this product makes it minimize the consumed electricity when transmitting a HDMI signal, thus only utilizing Tx and Rx Plug to transmit High-speed HDMI instead of utilizing the External USB Power used in the conventional AOC.



FEATURES

- Ultrathin Mobile HDMI Active Optical Cable
- High Speed Micro HDMI(D) to HDMI(A)Cable
- Supports a full 1080p, 4K, 3D, deep color x.v. Color™, Dolby True HD,DTS-HD Master Audio, HDMI-CEC and HDCP
- Resistant to EMI/RFI
- Ultrathin and flexible cable eases to use
- Easy to install(Plug and Play)
- No external power needed
(Supplied current from the source device within HDMI specification)
- 5mm minimum bend radius

APPLICATIONS

- Smartphone, Tablet PC, Laptop(Ultrabook), Digital camera, projector, HDTV, monitor

SPECIFICATIONS

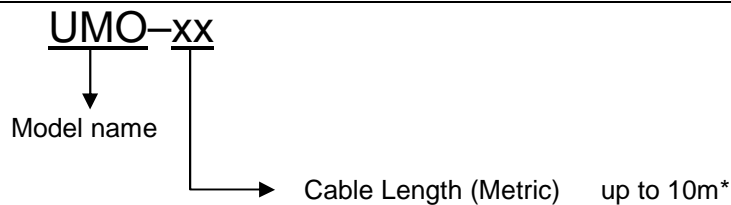
Parameter	Min.	Typ.	Max	Unit
ABSOLUTE MAXIMUM RATINGS				
Supply Voltage	-0.5		6	V
Storage Temperature	-20		70	°C
Relative Humidity	5		85	%
Electrostatic Discharge Immunity (Air: 8kV, Contact: 6kV)	B			Class
RECOMMENDED OPERATING CONDITIONS				
Supply Voltage	4.8	5.0	5.3	V
Operating Temperature	0		50	°C
ELECTRICAL CHARACTERISTICS				
TMDS Differential Input Voltage	200		800	mV
Operating Current	35	40	47	mA
Power Consumption	0.06	0.07	0.08	W

* All power Supplied from HDMI port

PHYSICAL CHARACTERISTICS

Parameter	Value	Unit
Cable Assembly		
Cable Type	Hybrid Cable Plastic Optical Fibers and Electrical Wires	
Cable Dimensions (W x H)	3.00x2.00	mm
Cable Color	Transparent	
Connector Pull Strength	10	Kg
Minimum Bend Radius	5	mm
Case Material	PC(Polycarbonate)	

ORDERING INFORMATION

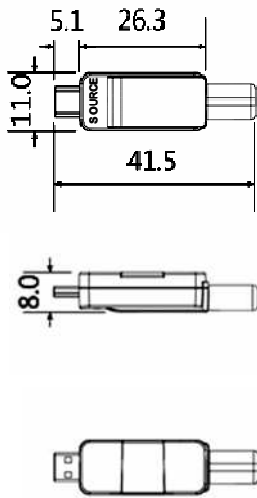


* Standard Cable Length: 1.5, 2, 3, 5, 10m

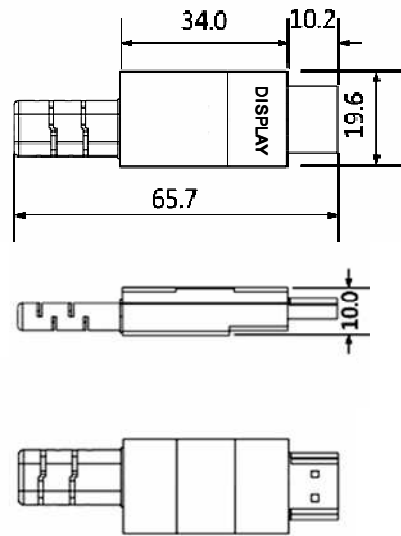
PRODUCT DIMENSIONS

Unit: mm

Transmitter Connector

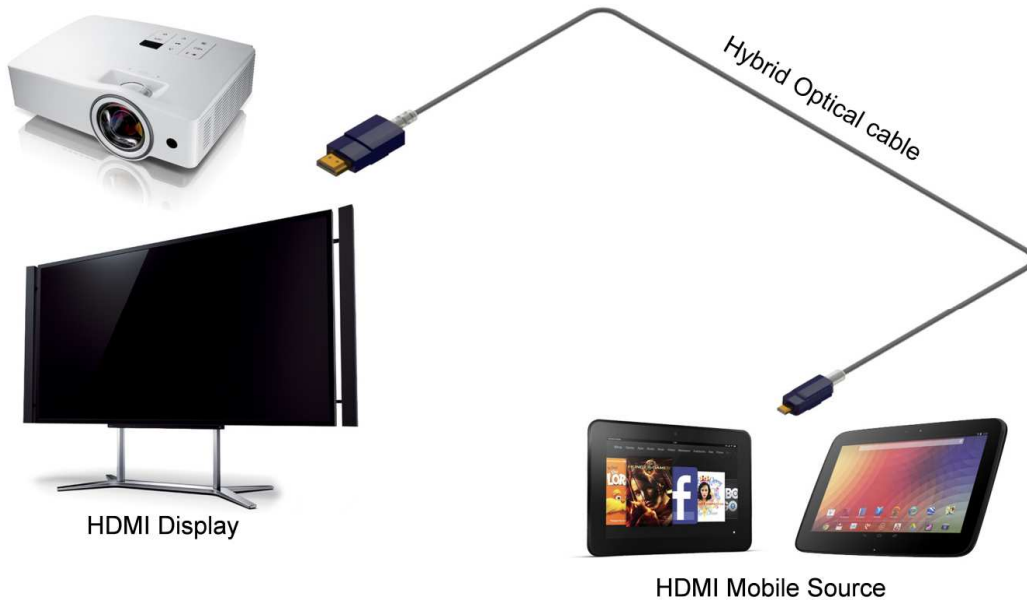


Receiver Connector



CONNECTION DIAGRAM

- **Cable connection**



1. Plug in TX connector labeled SOURCE to HDMI port of source device like Tablet.
2. Plug in RX connector labeled DISPLAY to HDMI port of display device like a monitor.
3. Follow the same connecting way for connecting a smartphone or other source device to a projector or other display.

Product Inquiry

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