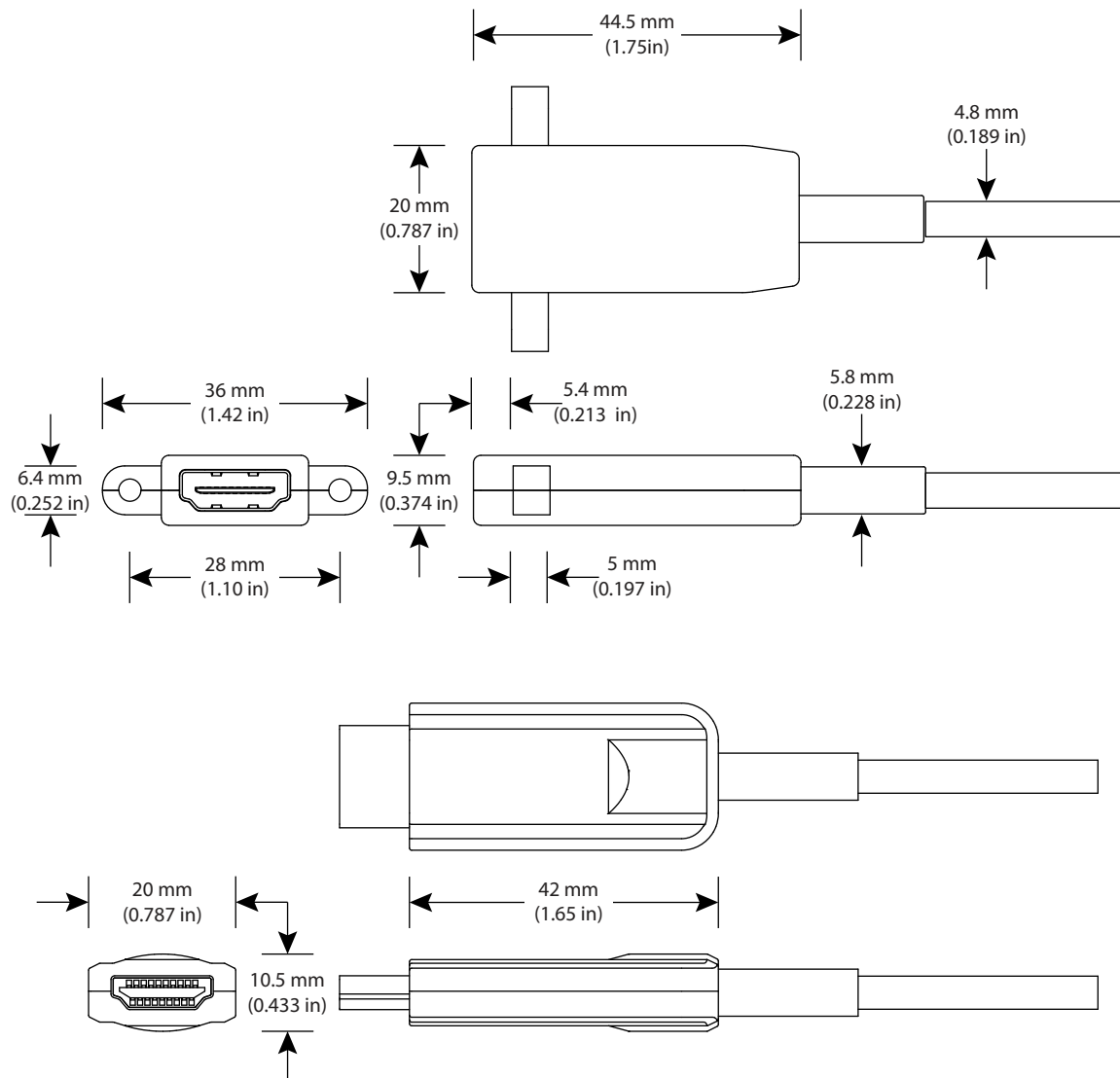


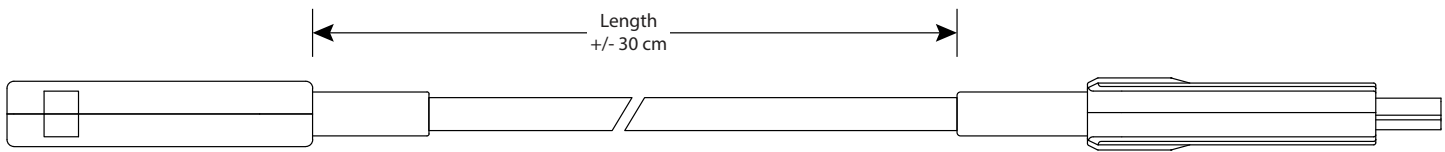
Technical Specifications

MOFO-HD20PT

MOFO™ Media Over Fiber Optic cable – HDMI 2.0 pass-through – plenum rated with plate connectivity

- True fiber cable core using TechLogix’s MOFO™ technology
- Plenum-rated jacket; fiber-based HDMI cable
- Female source connector mounts to stock or custom plates
- Male destination connector connects directly to displays
- Includes 2m patch cord for plate connectivity to devices
- Metal molded connector headshells
- Supports 18G 4K60 4:4:4 HDR / HDCP 2.0 / 3D / Deep Color
- Supports multi-channel audio / Dolby TrueHD / DTS-HD Master Audio / ARC
- Supports EDID / CEC / HEC
- Directional operation – clearly marked source & display headshells
- Interference-free performance
- Four strand multimode OM3 construction – supports re-termination in the field
- Recommended for conduit/pipe/duct diameters of 1 1/2” or greater
- Recommended for 2” wallboxes -- available trim build out ring for shallower boxes
- Available in multiple cable lengths (8m / 10m / 15m / 23m / 30m / 50m)
- Patent pending (No. 63/239,548)





Source Side Head Shell Specifications

Overall Dimensions (W X H X D)	36mm (1.42 in) x 9.5mm (0.374 in) x 44.5mm (1.75 in)
Mounting Ear Depth	5.4mm (0.213 in)
Head Shell Dimensions without Mounting Ears	20mm (0.787 in) x 9.5mm (0.374 in) x 44.5mm (1.75 in)
Space Between Mounting Points	28mm (1.10 in)
Connector	Female HDMI Type A
Mounting Screw Size	M3-0.5
Materials	Anodized aluminum

Display Side Head Shell Specifications

Overall Dimensions (W X H X D)	20mm (0.787 in) x 10.5mm (0.433 in) x 42mm (1.65 in)
Connector	Male HDMI Type A
Materials	Anodized aluminum

Signal Specifications

Signal Type and Maximum Bandwidth	HDMI 2.0 down to HDMI 1.4: 6 Gbps x 3 channel (18G) maximum
HDCP Support	HDCP 2.2 down to HDCP 1.4
Supported Resolutions	480p, 720p, 1080i and 1080p deep color, 4Kp50/60

Electrical and Optical Specifications

Supply Voltage from Host Device	4.75 to 5.25V (5V typ.)
Power Consumption	250mW (max)
Differential Impedance	100Ω
Optical Transmitter	4-channel 850nm VCSEL array (multimode)
Optical Receiver	4-channel GaAs PD array
Source Side Optical Output Power	0 dBm minimum
Display Side Optical Sensitivity	-7.5 dBm minimum

Cable Specifications

Cable Type	Hybrid optical (OM3) and copper (8-strand)
Cable Diameter	4.5mm (0.177 in)
Minimum Bend Radius	45mm (1.77 in)
Tensile Strength	145N (32.5 lbs)
Jacket Material	Black plenum-rated PVC

Environmental Specifications

Operating Temperature (Environment)	0° to +50° C (32° to 122° F)
Storage Temperature (Environment)	-20° to +70° C (-4° to 158° F)
Storage Relative Humidity (Environment)	10% to 85%

Other

Warranty	1 year
Included Accessories	1 ea 2m (6.5 ft) HDMI Male to Male Cable
Compatible MOFO™ Inserts	MOFO-PT-TA1 series MOFO-PT-WD1 series MOFO-PT-WD2 series

SKUs and Cable Lengths

MOFO-HD20PT-08	8m (26.25 ft)
MOFO-HD20PT-10	10m (32.8 ft)
MOFO-HD20PT-15	15m (49.2 ft)
MOFO-HD20PT-23	23m (75.5 ft)
MOFO-HD20PT-30	30m (98.4ft)
MOFO-HD20PT-50	50m (164 ft)