

**MOFO-HD20PT**

# MOFO™ Media Over Fiber Optic cable

## -- HDMI 2.0 pass-through -- plenum rated with plate connectivity



The TechLogix MOFO™ PT Series is the first HDMI & USB plate solution backed with fiber.

Forget clunky extenders and bandwidth-limited copper cable. The MOFO™ PT Series combines fiber-based cabling with traditional table inserts and wallplates, delivering cleaner installations, fewer failure points and better bandwidth. Simply pull, plug and play.

The MOFO™ PT Series includes HDMI cables in a variety of lengths, aluminum table insert grommets in black or white finish, and aluminum decora wallplates in black or white finish. Simply combine components based on your installation.

The system leverages TechLogix's MOFO™ fiber-based technology to manage 18G 4K60 HDMI up to 50m / 165 feet.

### FEATURES

- Plenum-rated jacket
- Fiber-based DisplayPort cable
- No power required (completely powered by DisplayPort bus)
- Supports DP2.0 UHBR10 standard
- Supports 40G 8K60 / HBR3 / HDCP 1.4 / HDCP 2.2
- Supports 4K video up to 144 Hz
- Supports EDID / Link Training
- 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" or greater
- Available in lengths from 3m (9.84 ft) to 100m (328 ft)

### MODELS

Model	Length
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 (98.4 ft)
MOFO-HD20PT-50	50m (164 ft)

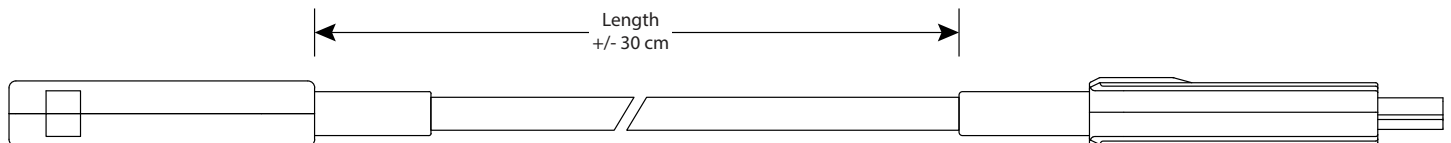
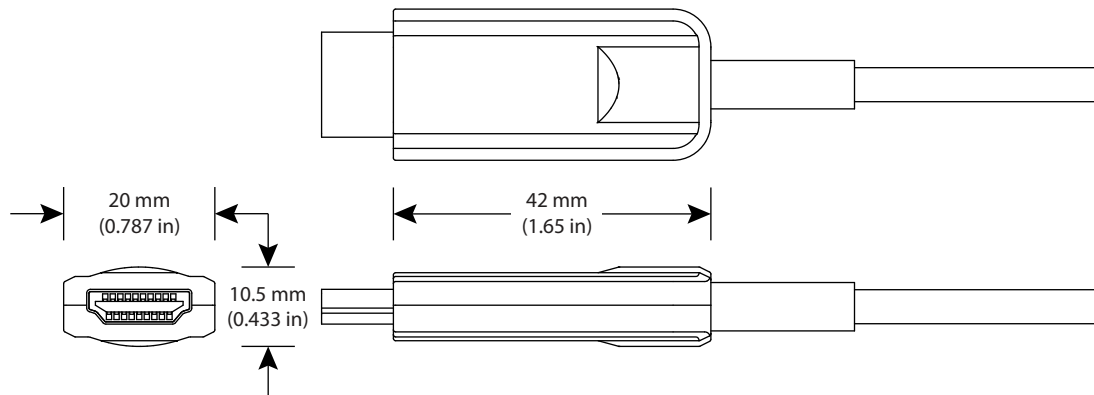
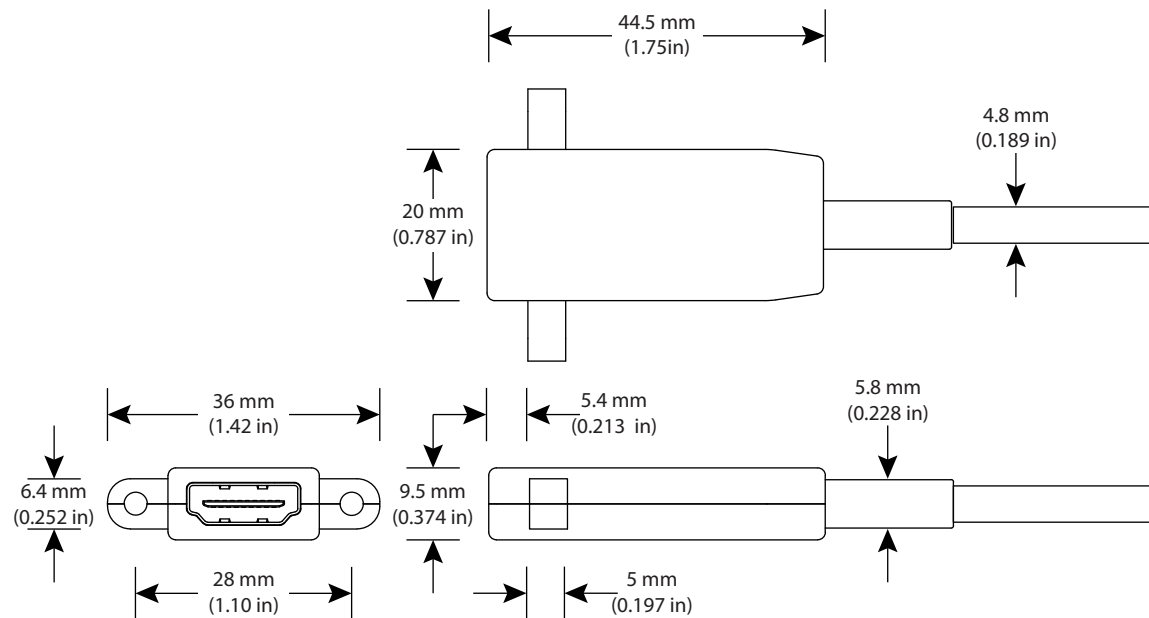


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This item was formally in the TechLogix Networkx catalog. It migrated to the NSI Industries' family of brands after the acquisition of TechLogix Networkx and still retains the original features, performance and quality.

# MOFO-HD20PT



## MOFO-HD20PT



## SOURCE SIDE HEAD SHELL SPECIFICATIONS

Overall Dimensions (W × H × D)	36mm (1.42 in) × 9.5mm (0.374 in) × 44.5mm (1.75 in)
Mounting Ear Depth	5.4mm (0.213 in)
Head Shell Dimensions without Mounting Ears	20mm (0.787 in) × 9.5mm (0.374 in) × 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 × H × D)	20mm (0.787 in) × 10.5mm (0.433 in) × 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 × 3 channel (18G) maximum
HDCP Support	HDCP 2.2 down to HDCP 1.4
Supported Resolutions	480p, 720p, 1080i and 1080p deep color, 4Kp60/60

## 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

