

MOFO-HD21D**MOFO™ Media Over Fiber Optic cable
— 48G HDMI with detachable heads —
plenum rated****FEATURES**

- Plenum-rated jacket
- Fiber-based HDMI cable
- Detachable heads with cable pull housing for easier installation
- No power required; embedded power booster with cable included for low powered HDMI devices
- Backwards compatible with HDMI 2.0 & HDMI 1.4 devices
- Supports 48G 8K60 Dynamic HDR / HDCP 2.2 / 3D / Deep Color
- Supports VRR / QMS / QFT / ALLM / DSC
- Supports EDID / CEC / HEC
- Supports multi-channel audio / Dolby TrueHD / DTS-HD Master Audio / ARC / eARC
- 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 3/4" or greater
- Includes a DC cable to optionally connect an external 5V power supply
- Available in lengths from 3m (9.84 ft) to 100m (328 ft)

MODELS

PART NUMBER	LENGTH
MOFO-HD21D-03	3m (9.84 ft)
MOFO-HD21D-05	5m (16.4 ft)
MOFO-HD21D-08	8m (26.25 ft)
MOFO-HD21D-10	10m (32.8 ft)
MOFO-HD21D-15	15m (49.2 ft)
MOFO-HD21D-23	23m (75.5 ft)
MOFO-HD21D-30	30m (98.4ft)
MOFO-HD21D-40	40m (131.2 ft)
MOFO-HD21D-50	50m (164 ft)
MOFO-HD21D-60	60m (197 ft)
MOFO-HD21D-70	70m (230 ft)
MOFO-HD21D-80	80m (262 ft)
MOFO-HD21D-90	90m (295 ft)
MOFO-HD21D-100	100m (328 ft)

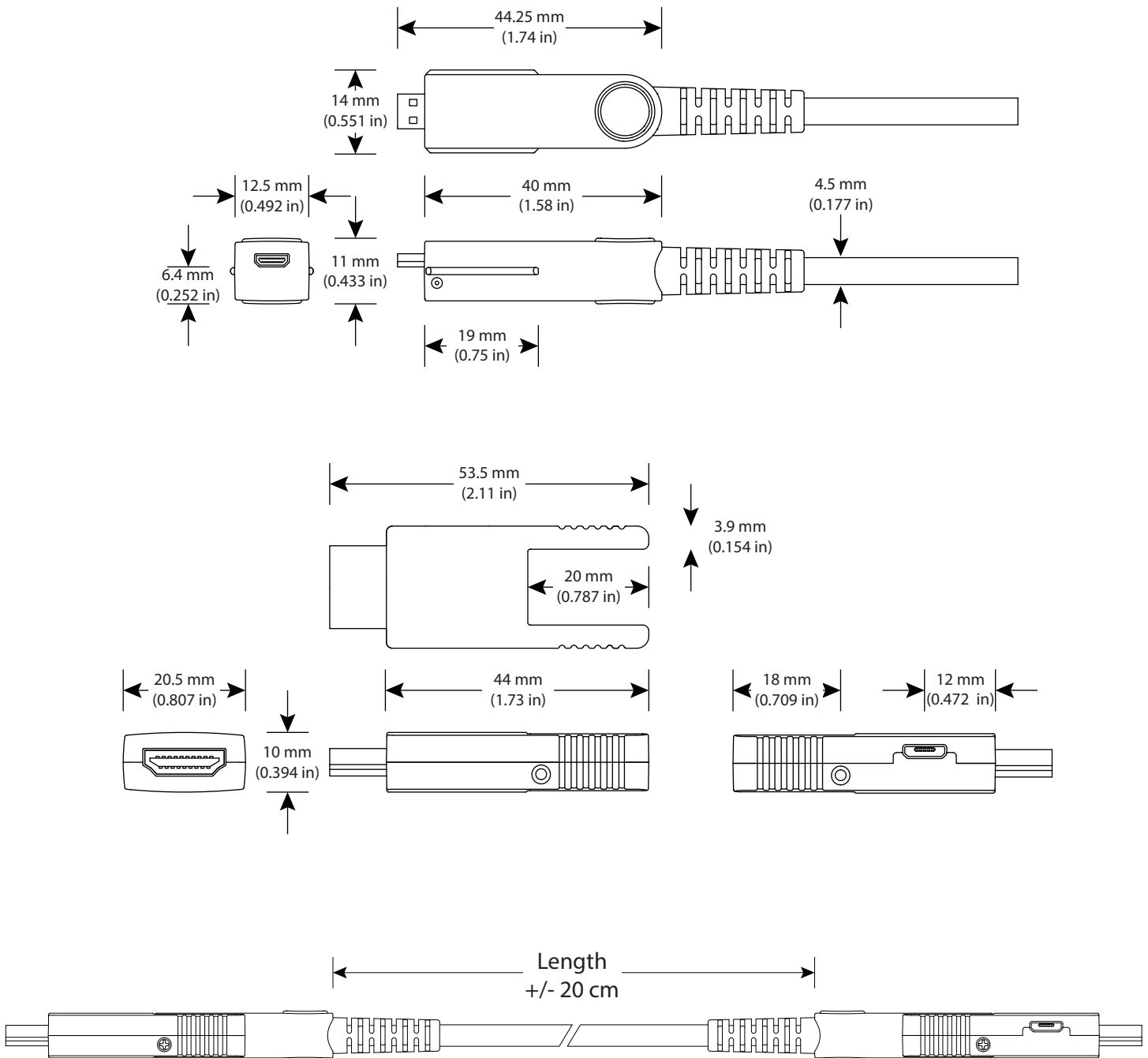


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This item was formally in the TechLogix Networkx catalog. It migrated to the NSI Industries' family of brands after the acquisition of TechLogix Networkx and still retains the original features, performance and quality.

MOFO-HD21D



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FIXED HEAD SHELL SPECIFICATIONS

Overall Dimensions with Connector (W × H × D)	14mm (0.551 in) × 11mm (0.433 in) × 44.25mm (1.75 in)
Overall Dimensions without Connector (W × H × D)	14mm (0.551 in) × 11mm (0.433 in) × 40mm (1.58 in)
Connector	Male HDMI Type D (micro HDMI)
Mounting Screw Size	M2-0.4
Materials	Anodized aluminum
Mounting Screw Size	M3-0.5
Materials	Anodized aluminum

DETACHABLE HEAD SHELL SPECIFICATIONS

Overall Dimensions with Connector (W × H × D)	20.5mm (0.807 in) × 10mm (0.394 in) × 53.5mm (2.11 in)
Overall Dimensions without Connector (W × H × D)	20.5mm (0.807 in) × 10mm (0.394 in) × 44mm (1.73 in)
Connector	Female HDMI Type D (micro HDMI) Male HDMI Type A Female Mini USB Type B
Mounting Screw Size	M2-0.4
Materials	Anodized aluminum

SIGNAL SPECIFICATIONS

Signal Type and Maximum Bandwidth	HDMI 2.1 down to HDMI 1.4: 12 Gbps × 4 channel (48G) maximum
HDCP Support	HDCP 2.3 down to HDCP 1.4
Supported Resolutions	480p, 720p, 1080i and 1080p deep color, 4Kp50/60/100/120 and 8Kp50/60

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 Ultra Male to Male Cable 1 ea 2m (6.5 ft) Right Angle Micro USB Type B to USB Type A Cable 1 ea T-shaped Screwdriver 1 ea Cable Pull Cover

