



## Introducing the Media over Fiber Optic™ Series from TechLogix.

TechLogix MOFO™ HDMI, DisplayPort and USB cables leverage a true fiber core to deliver unparalleled speed, bandwidth and reliability. Pre-terminated connectors accommodate installations in seconds and the optical construction provides complete immunity to RF, EM and electrical interference. Plus, MOFO™ cables are built with four strands of re-terminable multimode fiber allowing cable runs to be upgraded and re-purposed in the future. [Discover more online at www.tlnetworkx.com.](http://www.tlnetworkx.com)



### HDMI

PART NUMBER	LENGTH	CONNECTOR A	CONNECTOR B	BANDWIDTH / FORMAT	MAX RESOLUTION	JACKET
MOFO-HD20-10	10m / 33ft.	Male HDMI	Male HDMI	18G / HDMI 2.0	4K60 4:4:4 HDR	4.5mm Plenum
MOFO-HD20-15	15m / 50ft.	Male HDMI	Male HDMI	18G / HDMI 2.0	4K60 4:4:4 HDR	4.5mm Plenum
MOFO-HD20-23	23m / 75ft.	Male HDMI	Male HDMI	18G / HDMI 2.0	4K60 4:4:4 HDR	4.5mm Plenum
MOFO-HD20-30	30m / 100ft.	Male HDMI	Male HDMI	18G / HDMI 2.0	4K60 4:4:4 HDR	4.5mm Plenum
MOFO-HD20-50	50m / 165ft.	Male HDMI	Male HDMI	18G / HDMI 2.0	4K60 4:4:4 HDR	4.5mm Plenum
MOFO-HD21-10	10m / 33ft.	Male HDMI	Male HDMI	48G / HDMI 2.1	8K60	4.5mm Plenum
MOFO-HD21-15	15m / 50ft.	Male HDMI	Male HDMI	48G / HDMI 2.1	8K60	4.5mm Plenum
MOFO-HD21-23	23m / 75ft.	Male HDMI	Male HDMI	48G / HDMI 2.1	8K60	4.5mm Plenum
MOFO-HD21-30	30m / 100ft.	Male HDMI	Male HDMI	48G / HDMI 2.1	8K60	4.5mm Plenum

### DisplayPort

PART NUMBER	LENGTH	CONNECTOR A	CONNECTOR B	BANDWIDTH / FORMAT	MAX RESOLUTION	JACKET
MOFO-DP14-10	10m / 33ft.	Male DisplayPort	Male DisplayPort	32.4G / DP 1.4	8K60	4.8mm Plenum
MOFO-DP14-15	15m / 50ft.	Male DisplayPort	Male DisplayPort	32.4G / DP 1.4	8K60	4.8mm Plenum
MOFO-DP14-23	23m / 75ft.	Male DisplayPort	Male DisplayPort	32.4G / DP 1.4	8K60	4.8mm Plenum
MOFO-DP14-30	30m / 100ft.	Male DisplayPort	Male DisplayPort	32.4G / DP 1.4	8K60	4.8mm Plenum
MOFO-DP14-50	50m / 165ft.	Male DisplayPort	Male DisplayPort	32.4G / DP 1.4	8K60	4.8mm Plenum

### USB

PART NUMBER	LENGTH	CONNECTOR A	CONNECTOR B	BANDWIDTH / FORMAT	COMPATIBLE SPEED	JACKET
MOFO-USB3-10	10m / 33ft.	Male USB A	Female USB A	5G / USB 3.0	SuperSpeed	4.3mm Plenum
MOFO-USB3-15	15m / 50ft.	Male USB A	Female USB A	5G / USB 3.0	SuperSpeed	4.3mm Plenum
MOFO-USB3-23	23m / 75ft.	Male USB A	Female USB A	5G / USB 3.0	SuperSpeed	4.3mm Plenum
MOFO-USB3-30	30m / 100ft.	Male USB A	Female USB A	5G / USB 3.0	SuperSpeed	4.3mm Plenum

# Media over Fiber Optic™ Cables | Features & Specifications

## HDMI 2.0

SPECIFICATIONS		FEATURES
HDMI / HDCP Version	HDMI 2.0 / HDCP 2.0	<ul style="list-style-type: none"> <li>Fiber-based HDMI cable</li> <li>No power required (completely powered by HDMI bus)</li> <li>Supports 18G 4K60 4:4:4 HDR / HDCP 2.0 / 3D / Deep Color</li> <li>Supports multi-channel audio / Dolby TrueHD / DTS-HD Master Audio / ARC</li> <li>Supports EDID / CEC / HEC</li> <li>Directional operation – <i>clearly marked source &amp; display headshells</i></li> <li>Interference-free performance</li> <li>Four strand multimode OM3 construction – supports re-termination in the field</li> </ul>
Max Bandwidth / Resolution	18G / 4K60 4:4:4 HDR	
Construction	4 strand multimode OM3 + 8 conductor copper Plenum rated jacket / black color 4.5mm jacket diameter Kevlar strength member	
Power	250mW max draw / powered by HDMI bus	
Min Bend Rating	48mm / 1.8 inches	
Max Pull-Strength	70 lbs.	
Environmental	0° C to 50° C / 85% humidity (non-condensing)	

## HDMI 2.1

SPECIFICATIONS		FEATURES
HDMI / HDCP Version	HDMI 2.1 / HDCP 2.2	<ul style="list-style-type: none"> <li>Fiber-based HDMI cable</li> <li>No power required (completely powered by HDMI bus)</li> <li>Backwards compatible with HDMI 2.0 &amp; HDMI 1.4 devices</li> <li>Supports 48G 8K60 HDR / HDCP 2.2 / 3D / Deep Color</li> <li>Supports VRR / QMS / QFT / ALLM / DSC</li> <li>Supports multi-channel audio / Dolby TrueHD / DTS-HD Master Audio / ARC / eARC</li> <li>Supports EDID / CEC / HEC</li> <li>Directional operation – <i>clearly marked source &amp; display headshells</i></li> <li>Interference-free performance</li> <li>Four strand multimode OM3 construction – supports re-termination in the field</li> </ul>
Max Bandwidth / Resolution	48G / 8K60	
Construction	4 strand multimode OM3 + 8 conductor copper Plenum rated jacket / black color 4.5mm jacket diameter Kevlar strength member	
Power	250mW max draw / powered by HDMI bus	
Min Bend Rating	48mm / 1.8 inches	
Max Pull-Strength	70 lbs.	
Environmental	0° C to 50° C / 85% humidity (non-condensing)	

## DisplayPort 1.4

SPECIFICATIONS		FEATURES
DisplayPort Version	DP 1.4	<ul style="list-style-type: none"> <li>Fiber-based DisplayPort cable</li> <li>No power required (completely powered by DisplayPort bus)</li> <li>Supports 32.4G 8K60 / HBR3 / HDCP 1.4 / HDCP 2.2</li> <li>Supports EDID / Link Training</li> <li>Directional operation – <i>clearly marked source &amp; display headshells</i></li> <li>Interference-free performance</li> <li>Four strand multimode OM3 construction – supports re-termination in the field</li> </ul>
Max Bandwidth / Resolution	32.4G 8K60	
Video Performance	810MHz pixel clock / 48bit color depth	
Construction	4 strand multimode OM3 + 8 conductor copper Plenum rated jacket / black color 4.8mm jacket diameter Kevlar strength member	
Power	250mW max draw / powered by source device	
Min Bend Rating	48mm / 1.8 inches	
Max Pull-Strength	70 lbs.	
Environmental	0° C to 50° C / 85% humidity (non-condensing)	

## USB 3.0

SPECIFICATIONS		FEATURES
USB Version	USB 3.0 / SuperSpeed	<ul style="list-style-type: none"> <li>Fiber-based USB cable</li> <li>Male Type A USB connector to Female Type A USB connector</li> <li>Compatible with USB 3.0 (SuperSpeed) devices</li> <li>Not compatible with USB 1.1 (full-speed) or USB 2.0 (high-speed) devices</li> <li>No power required (completely powered by USB bus)</li> <li>Plug-and-play – no drivers required</li> <li>Directional operation – <i>clearly marked source &amp; display headshells</i></li> <li>Interference-free performance</li> <li>Four strand multimode OM3 construction – supports re-termination in the field</li> </ul>
Max Bandwidth	5G	
Construction	4 strand multimode OM3 + 8 conductor copper Plenum rated jacket / black color 4.3mm jacket diameter Kevlar strength member	
Power	5V (4.75 min – 5.25 max)	
Min Bend Rating	48mm / 1.8 inches	
Max Pull-Strength	70 lbs.	
Environmental	0° C to 50° C / 85% humidity (non-condensing)	