

MOFO-USB321**MOFO™ Media Over Fiber Optic cable
-- USB 3.2/2.0/1.1 M to F -- plenum rated**

TechLogix MOFO™ 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.

FEATURES

- Plenum-rated jacket
- Fiber-based USB cable
- Male Type A USB connector to Female Type A USB connector
- Compatible with USB 3.0 (SuperSpeed) devices
- Compatible with USB 1.1 (full-speed) or USB 2.0 (high-speed) devices
- No power required (completely powered by USB bus)
- Plug-and-play – no drivers required
- Interference-free performance
- Four strand multimode OM3 construction – supports re-termination in the field
- Recommended for conduit/pipe/duct diameters of 1" or greater

SPECIFICATIONS

Host Connector	USB 3.0 Male Type A Connector
Client Connector	USB 3.0 Female Type A Connector
Maximum Data Rate	10.0 Gbps
Maximum Length	15m / 50ft
Optical Transceiver	850nm VCSEL
Cable Diameter	4.5mm
Operating Temperature	0°C to 50°C (32°F to 122°F)
Humidity	5% to 90% (non-condensing)

CABLE CHARACTERISTICS

Description	Minimum	Typical	Maximum	Units
Supply Voltage	4.75	5	5.25	V
Current Draw via USB Bus	49.5	55	60.5	mA
Differential Impedance	-	90	-	Ω

MODELS

Model	Length
MOFO-USB321-03	3m / 10ft
MOFO-USB321-05	5m / 16ft
MOFO-USB321-08	8m / 26ft
MOFO-USB321-10	10m / 33ft
MOFO-USB321-15	15m / 50ft



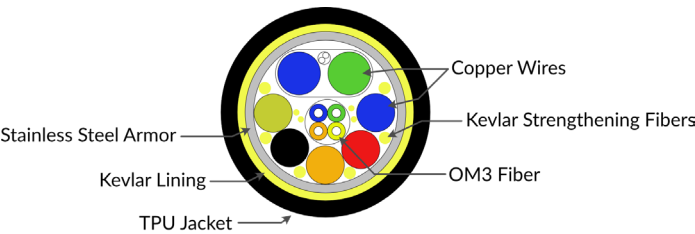
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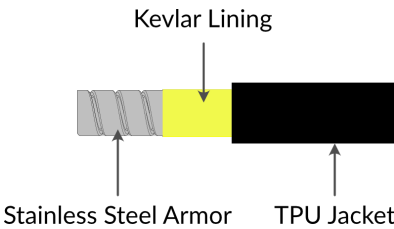
This item was formally in the TechLogix Networkx catalog. It migrated to the NSI Industries' family of brands after the acquisition of TechLogix Networkx and still retains the original features, performance and quality.

MOFO-USB321

OPERATING CONDITIONS				
Description	Minimum	Typical	Maximum	Units
Supply Voltage	4.75	5	5.25	V
Power Consumption	-	-	250	mW
Operating Temperature	0	-	50	°C
Relative Humidity	10	-	80	%



CABLE PROFILE	
Tensile Strength (long term)	400N (89.9 pound-force)
Tensile Strength (short term)	800N (179.8 pound-force)
Crush Resistance (long term)	10N/mm (57 pound-force/inch)
Crush Resistance (short term)	10N/mm (114 pound-force/inch)
Metal Armor	200CU Stainless Steel
Jacket Material	Custom TPU



MODELS		
Model	Length	Description
MOFO-HD20ST-005	5m / 16ft	MOFO™ Media Over Fiber Optic cable -- HDMI 2.0 -- micro armor core, tactical jacket & protective caps
MOFO-HD20ST-008	8m / 26ft	
MOFO-HD20ST-010	10m / 33ft	
MOFO-HD20ST-015	15m / 50ft	
MOFO-HD20ST-023	23m / 75ft	
MOFO-HD20ST-030	30m / 100ft	
MOFO-HD20ST-050	50m / 165ft	
MOFO-HD20ST-070	70m / 230ft	
MOFO-HD20ST-100	100m / 330ft	
MOFO-HD20ST-023SP	23m / 75ft	MOFO™ Media Over Fiber Optic cable -- HDMI 2.0 -- micro armor core, tactical jacket & protective caps -- pre-spooled on cable reel
MOFO-HD20ST-030SP	30m / 100ft	
MOFO-HD20ST-050SP	50m / 165ft	
MOFO-HD20ST-070SP	70m / 230ft	
MOFO-HD20ST-100SP	100m / 330ft	

