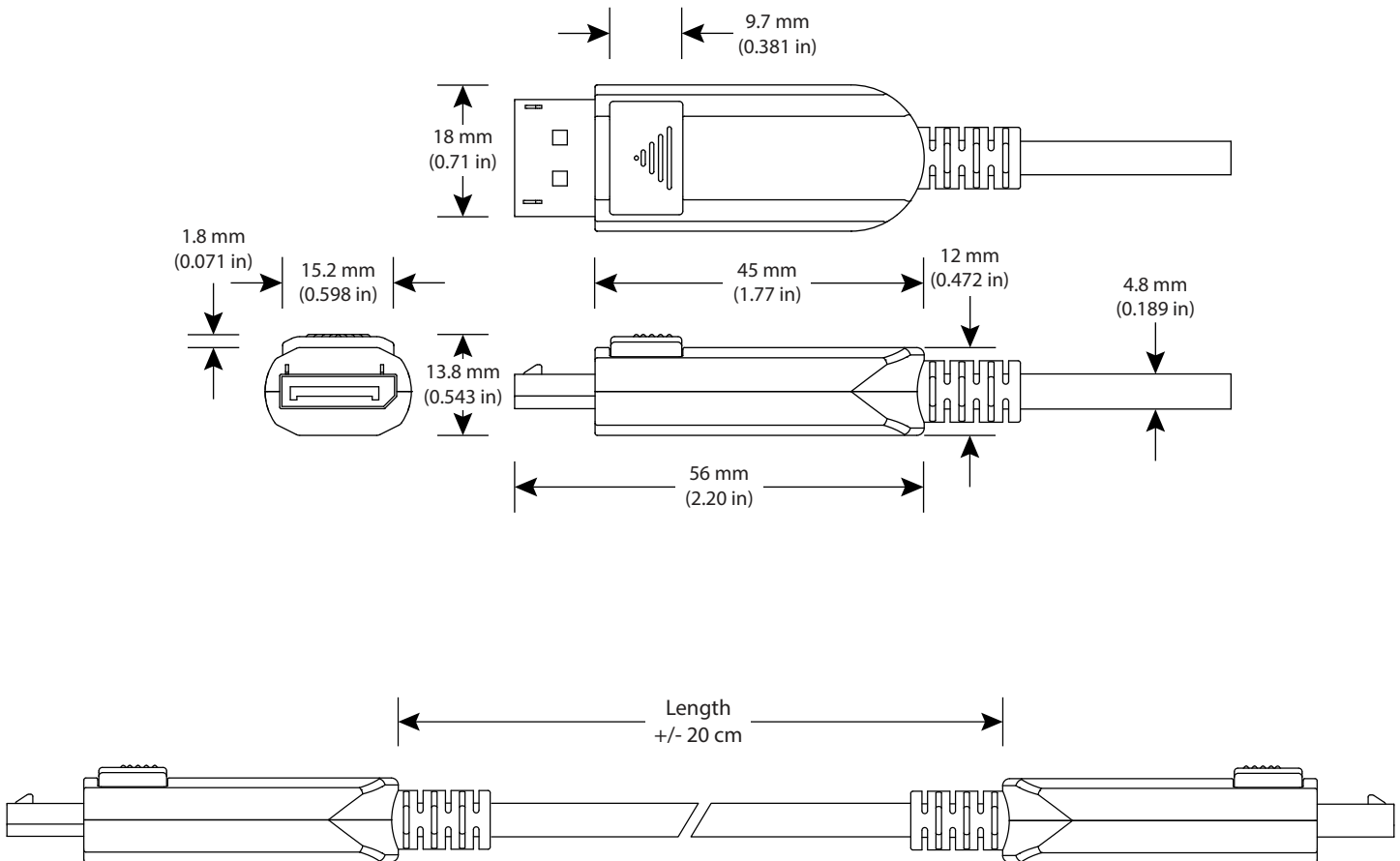


Technical Specifications

MOFO-DP20

MOFO™ Media Over Fiber Optic cable – DisplayPort 2.0 – plenum rated

- 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)



Head Shell Specifications

Overall Dimensions without Connector (W X H X D)	14mm (0.551 in) x 11mm (0.433 in) x 44.25mm (1.75 in)
Overall Dimensions with Connector and Button (W X H X D)	14mm (0.551 in) x 11mm (0.433 in) x 40mm (1.58 in)
Connector	Full-size DisplayPort
Materials	Anodized aluminum

Signal Specifications

Signal Type and Maximum Bandwidth	DP 2.0 down to DP 1.1: 10 Gbps x 4 channel (40G) maximum
HDCP Support	HDCP 2.2 down to HDCP 1.4
Supported Resolutions	480p, 720p, 1080p, 4Kp50/60/100/120/144 and 8Kp50/60
Maximum Color Depth	48-bits
Aux Channel Communications	Supports bidirectional communications for EDID, HDCP, Link Training, UHBR10, etc.

Electrical and Optical Specifications

Supply Voltage from Device	4.75 to 5.25V (5V typ.)
Power Consumption per End	< 0.5 watt
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	4.8mm (0.189 in)
Minimum Bend Radius	45mm (1.77 in)
Tensile Strength	300N (67.4 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
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SKUs and Cable Lengths

MOFO-DP20-03	3m (9.84 ft)
MOFO-DP20-05	5m (16.4 ft)
MOFO-DP20-08	8m (26.25 ft)
MOFO-DP20-10	10m (32.8 ft)
MOFO-DP20-15	15m (49.2 ft)
MOFO-DP20-23	23m (75.5 ft)
MOFO-DP20-30	30m (98.4ft)
MOFO-DP20-50	50m (164 ft)
MOFO-DP20-70	70m (230 ft)
MOFO-DP20-100	100m (328 ft)