



# High-Speed Armored HDMI Fiber Active Optical Cable (AOC) with Hooded Connectors and Reel - 4K @ 60 Hz, HDR, IP68, M/M, Black, 70 m (230 ft.)

# MODEL NUMBER: P568FA-70M-WR











Fiber HDMI cable with durable TPU jacket carries 4K video/audio in industrial environments where protection against dust and moisture is needed.

#### **Features**

#### 4K HDMI Cable Connects Industrial and Outdoor Security and Digital Signage Components

This high-speed HDMI cable securely connects HDMI-enabled laptops, tablets, Blu-ray players, game consoles, media servers or security cameras to 4K-ready HDTVs, HD monitors, projectors or home theater receivers. Because the cable uses optical fiber, it can transmit HDMI signals longer distances with no latency or loss. It also eliminates any EMI/RFI line noise that can interfere with your audio/video signal and disrupt the performance of your connected equipment.

### Transmits Crystal-Clear 4K Video with HDR and 4:4:4 Color

The P568FA-70M-WR and supports Ultra HD resolutions up to 4K. High Dynamic Range (HDR) provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. The cable also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor, as well as other current HDMI standards, including 3D, 48-bit Deep Color and Dolby 5.1-channel surround sound.

#### **IP68-Rated Ends Resist Dust and Water**

Both HDMI connectors are protected by molded, dust-resistant, IP68-rated watertight hoods, shells and caps. The IP68 rating means the connectors can endure immersion in 1.5 meters of water for up to 60 minutes with no damage or decline in performance. The P568FA-70M-WR is ideal for industrial areas, such as factories and warehouses, and unforgiving outdoor installations, including malls, bus stops and stadiums, where dust, debris and water are present.

#### Armored Cable Jacket Ideal for Areas Where Extra Protection Is Needed

The thermoplastic polyurethane (TPU) jacket offers added protection against the elements, making the P568FA-70M-WR a recommended cable for outdoor applications, such as digital signage and surveillance systems. The TPU jacket is resistant to crushing, cuts and abrasion and is recommended for industrial spaces, including warehouses and medical facilities.

#### Advanced Fiber Cable Is Easier to Install than Copper

Because the fiber cable is slimmer and more flexible than standard copper HDMI cables, the P568FA-70M-WR is easier to install around corners and in hard-to-reach spaces behind equipment. It draws power from the connected device, so no external power supply is needed to transmit the HDMI signal across the

#### **Highlights**

- Reel of cable supports 4K video resolutions (4:4:4)
- Carries High Dynamic Range (HDR), HDCP 2.2, EDID, CEC, ARC, and Dolby 5.1
- Fiber optic strands transmit audio/video over longer distances than standard copper
- IP68-rated ends resist dust and endure immersion in 1.5 m of water up to 60 min.
- Armored cable with TPU jacket and Dupont Kevlar® for outdoor use resists crushing, cutting and abrasions

#### **Applications**

- Connect digital signage in factories, warehouses, recycling plants, machine shops and other industrial environments
- Provide 4K video connectivity in outdoor environments susceptible to rain, such as malls, bus stops and theater marquees
- Build high-speed A/V and Ethernet infrastructure in basements, factories, warehouses and other indoor areas prone to flooding
- Watch 4K video content from a Blu-ray player, game console, laptop or tablet on an Ultra HD television, monitor or projector
- Connect a security camera or other A/V surveillance equipment to a central 4K display

# **Package Includes**

P568FA-70M-WR High-Speed Armored HDMI Fiber Active Optical Cable on Reel, M/M, Black, 70 m (230 ft.)





longer distances unique to fiber optic cabling. **Note**: the cable must be installed in the correct direction to function properly, so please check the Source and Display labels on the connectors before installation.

# **Specifications**

OVERVIEW		
UPC Code	037332261489	
Product Type	Active Optical Cable (AOC)	
Technology	НДМІ	
Cable Type	Active	
VIDEO		
Video Input	HDMI (MALE)	
Video Output	HDMI (MALE)	
Max Supported Video Resolution	3840 x 2160 (4K) @ 60Hz	
Max 1280 x 720 (720p) Range (ft)	230	
Max 1920 x 1080 (1080p) Range (ft)	230	
Max 1920 x 1200 Range (ft)	230	
Max 2560 x 1600 Range (ft)	230	
Max 3840 x 2160 (4K@30Hz) Range (ft)	230	
Max 3840 x 2160 (4K@60Hz) Range (ft)	230	
Signal Range (ft)	230	
Signal Range (m)	70	
Max Supported Color Depth	48-bit	
HDR Support	Yes	
3D Video Supported	Yes	
Chroma Sub Sampling	4:4:4	
Maximum Signal Range (ft)	230	
Maximum Signal Range (m)	70	
Signal Transmission	Unidirectional	
INPUT		
Bus Powered	No	
POWER		
Power Over Cable (PoC) Support	No	





CONNECTIONS		
Side A - Connector 1	HDMI (MALE)	
Side B - Connector 1	HDMI (MALE)	
Contact Plating	Gold	
Latching or Gripping Connector	No	
PHYSICAL		
Color	Black	
Material of Construction	TPU	
Cable Jacket Color	Black	
Cable Jacket Material	TPU	
Cable Jacket Rating	Armored	
Cable Outer Diameter (OD)	5.8 mm	
Cable Length (ft.)	230	
Cable Length (m)	70.12	
Cable Length (in.)	2760	
Cable Length (cm)	701.2	
Number of Displays	1	
Form Factor/Mounting Options	Cable	
Unit Dimensions (hwd / in.)	14.370 x 11.610 x 16.730	
ENVIRONMENTAL		
Operating Temperature Range	32° to 122°F (0° to 50°C)	
Storage Temperature Range	-40° to 158°F (-40° to 70°C)	
Operating Humidity Range	10% to 80% RH, Non-Condensing	
Storage Humidity Range	10% to 80% RH, Non-Condensing	
COMMUNICATIONS		
EDID Compatible	Yes	
IR Remote Extension Support	No	
RS-232 Serial Extension Support	No	
Consumer Electronics Control (CEC) Supported	No	
FEATURES & SPECIFICATIONS		
EMI/RFI Line Noise Protection	Yes	
10/100 Ethernet Extension Support	No	





Antibacterial	No	
IP68 Rated	No	
IP20 Rated	No	
Ingress Protection (IP) Rating	IP68	
Armored Cable	Yes	
HDCP Specification	2.2	
Driver Required	No	
STANDARDS & COMPLIANCE		
Protection Rating	IP68	
Product Certifications	EN 55024; EN 55032	
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	3-year limited warranty	

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