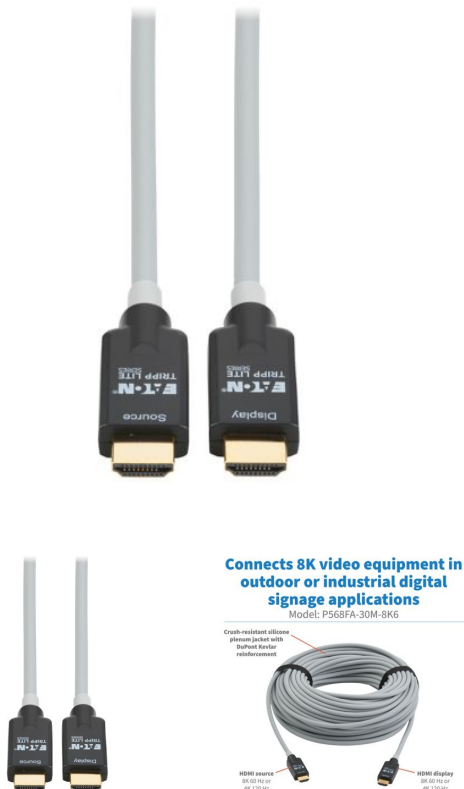


# Specifications



## Eaton P568FA-30M-8K6

High-Speed Armored HDMI Fiber Active Optical Cable (AOC) - HDMI 2.1, 8K 60 Hz / 4K 120Hz, 48 Gbps, HDR, eARC, 4:4:4, M/M, Black, 30 m (98.4 ft.)

### General specifications

|                      |                                                              |
|----------------------|--------------------------------------------------------------|
| PRODUCT NAME         | Eaton Tripp Lite series active optical cable                 |
| CATALOG NUMBER       | P568FA-30M-8K6                                               |
| UPC                  | 037332300348                                                 |
| PRODUCT LENGTH/DEPTH | 1.53 in                                                      |
| PRODUCT HEIGHT       | 9.25 in                                                      |
| PRODUCT WIDTH        | 8.85 in                                                      |
| PRODUCT WEIGHT       | 4.08 lb                                                      |
| WARRANTY             | 3 year limited                                               |
| COMPLIANCES          | CE Marked<br>FCC Class B<br>REACH<br>RoHS3<br>WEEE Directive |
| CERTIFICATIONS       | EN 55032<br>CISPR 35/EN 55035<br>ICES<br>EN IEC 63000        |
| GLOBAL CATALOG       | P568FA-30M-8K6                                               |
| PRODUCT TYPE         | Active optical cable                                         |

## Product specifications

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TYPE</b>                     | Active Optical Cable (AOC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AUDIO SPECIFICATION</b>      | EARC, HEC, Dolby 7.1 Channel Surround Sound                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>OPERATING HUMIDITY RANGE</b> | 10% to 80% RH, Non-Condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>RELATIVE HUMIDITY</b>        | 10% to 80% RH, Non-Condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>STORAGE HUMIDITY RANGE</b>   | 10% to 80% RH, Non-Condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>COLOR</b>                    | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>CABLE JACKET RATING</b>      | CMP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>CABLE JACKET COLOR</b>       | Gray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>CONNECTOR COLOR</b>          | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>CONNECTOR TYPE</b>           | Video                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>PRODUCT FEATURES</b>         | EMI/RFI Line Noise Protection<br>3D Video Supported<br>Bus Powered<br>HDR Support<br>Armored Cable<br>Consumer Electronics Control (CEC) Supported<br>EDID Compatible                                                                                                                                                                                                                                                                                                                      |
| <b>CABLE JACKET MATERIAL</b>    | Silicone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>COLOR DEPTH</b>              | 48-bit Deep color                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>PRODUCT HIGHLIGHTS</b>       | Supports UHD resolutions up to 8K @ 60 Hz (4:4:4) for enhanced video without latency<br>Dispels EMI/RFI line noise that can disrupt A/V signal and affect equipment performance<br>Fiber optic strands send audio/video over longer distances than standard copper<br>Supports Dynamic HDR for richer contrast and expanded color accuracy per frame<br>Silicone jacket and Dupont Kevlar for industrial use resist crushing, cutting and abrasions<br>3-year limited warranty (Worldwide) |
| <b>CONTACT PLATING</b>          | Gold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>CHROMA SUB SAMPLING</b>      | 4:4:4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>HDCP SPECIFICATION</b>       | 1.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>SIDEA CONNECTOR1</b>         | HDMI (MALE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Resources

|                                       |                              |
|---------------------------------------|------------------------------|
| SIDEB CONNECTOR1                      | HDMI (MALE)                  |
| SIDEB CONNECTOR3                      | HDMI (MALE)                  |
| TECHNOLOGY                            | HDMI                         |
| CONNECTOR GROUP                       | HDMI                         |
| BANDWIDTH                             | 48 Gbps                      |
| CONNECTOR                             | HDMI (male)                  |
| CABLE LENGTH                          | 98 Foot                      |
| MAX 1280 X 720 (720P)<br>RANGE (FT)   | 98                           |
| MAX 1920 X 1080 (1080P)<br>RANGE (FT) | 98                           |
| MAX 1920 X 1200 RANGE<br>(FT)         | 98                           |
| MAX 2560 X 1600 RANGE<br>(FT)         | 98                           |
| MAXIMUM SIGNAL<br>RANGE               | 51 - 100 Foot                |
| CABLE OUTER DIAMETER<br>(OD)          | 6.2mm                        |
| MAX SUPPORTED VIDEO<br>RESOLUTION     | 7680 X 4320 @ 60Hz (8K)      |
| SIGNAL RANGE (FT)                     | 98                           |
| WIRE GAUGE (AWG)                      | 32                           |
| OPERATING<br>TEMPERATURE RANGE        | 32° to 122°F (0° to 50°C)    |
| STORAGE TEMPERATURE<br>RANGE          | -40° to 158°F (-40° to 70°C) |
| CABLE TYPE                            | Active                       |
| SIGNAL TRANSMISSION                   | Unidirectional               |
| VIDEO INPUT                           | HDMI (MALE)                  |
| VIDEO OUTPUT                          | HDMI (MALE)                  |

|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| DATE:           |



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