



## Eaton P582-006-8K6

DisplayPort 1.4a to HDMI 2.1 Active Adapter Cable (M/M) - 8K 60 Hz, 4K 120 Hz, 4:4:4, HDR, HDCP 2.3, 6 ft. (1.8 m), TAA

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| <b>PRODUCT NAME</b>         | Eaton Tripp Lite series cable                                                         |
| <b>CATALOG NUMBER</b>       | P582-006-8K6                                                                          |
| <b>UPC</b>                  | 037332297143                                                                          |
| <b>PRODUCT LENGTH/DEPTH</b> | 0.5 in                                                                                |
| <b>PRODUCT HEIGHT</b>       | 9 in                                                                                  |
| <b>PRODUCT WIDTH</b>        | 7 in                                                                                  |
| <b>PRODUCT WEIGHT</b>       | 0.33 lb                                                                               |
| <b>COMPLIANCES</b>          | CE Marked<br>FCC Class B<br>REACH<br>RoHS3<br>TAA Compliant<br>UKCA<br>WEEE Directive |



Powering Business Worldwide

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| TYPE                        | Active Cable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| AUDIO SPECIFICATION         | DOLBY VISION METADATA<br>IN DOLBY VSIF, AUDIO 1-<br>32 CH LPCM 192 KHZ, HBR<br>UP TO 1536 KHZ                                                                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING HUMIDITY<br>RANGE | 0% TO 85% RH, NON-<br>CONDENSING                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| STORAGE HUMIDITY<br>RANGE   | 0% TO 85% RH, NON-<br>CONDENSING                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| COLOR                       | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CABLE JACKET RATING         | VW-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MATERIAL                    | PVC<br>ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CABLE JACKET COLOR          | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CONNECTOR COLOR             | Blue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CONNECTOR PLATING           | Gold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CONNECTOR TYPE              | Video                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PRODUCT FEATURES            | HDR Support<br>DSC Support<br>Latching or Gripping<br>Connector                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CABLE JACKET MATERIAL       | PVC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| COLOR DEPTH                 | 36-bit Deep Color                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE CONTENTS            | P582-006-8K6 DisplayPort<br>1.4 to HDMI 2.1 Active<br>Adapter Cable (M/M), 6 ft.<br>(1.8 m)                                                                                                                                                                                                                                                                                                                                                                                                               |
| PRODUCT HIGHLIGHTS          | 3-year limited warranty<br>(Worldwide)<br>Compliant with the<br>Federal Trade Agreements<br>Act (TAA) for GSA Schedule<br>purchases<br>Supports UHD resolutions<br>up to 8K @ 60 Hz (4:4:4)<br>for heightened video<br>quality<br>Display Stream<br>Compression (DSC) allows<br>real-time video encoding<br>with low latency<br>Complies with HDCP 2.3<br>standards to display up-to-<br>date 8K video content<br>Supports Dynamic HDR for<br>richer contrast and<br>expanded color accuracy<br>per frame |
| CONTACT PLATING             | Gold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PACKAGING TYPE              | Polybag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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| CHROMA SUB SAMPLING            | 4:2:0                             |
|                                | 4:2:2                             |
|                                | 4:4:4                             |
| HDCP SPECIFICATION             | 1.4                               |
| SIDEA CONNECTOR1               | DISPLAYPORT (MALE)                |
| SIDEB CONNECTOR1               | HDMI (MALE)                       |
| SIDEB CONNECTOR3               | HDMI (MALE)                       |
| DISPLAYPORT SPECIFICATION      | 1.4a                              |
| TECHNOLOGY                     | DisplayPort<br>HDMI               |
| CONNECTOR GROUP                | HDMI<br>DisplayPort               |
| BANDWIDTH                      | 48 Gbps                           |
| CONNECTOR                      | HDMI (male)<br>DisplayPort (male) |
| CABLE LENGTH                   | 6 Foot                            |
| CABLE OUTER DIAMETER (OD)      | 7.3MM                             |
| MAX SUPPORTED VIDEO RESOLUTION | 7680 X 4320 60HZ (8K)             |
| WIRE GAUGE (AWG)               | 28                                |
| OPERATING TEMPERATURE RANGE    | 14° to 104°F (-10° to 40°C)       |
| STORAGE TEMPERATURE RANGE      | 5° to 122°F (-15° to 50°C)        |
| CABLE TYPE                     | Active                            |
| TAA COMPLIANCE                 | Yes                               |

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