



# LETO

DP 1.4 Long Range Active Optical Cables

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Adonis LETO is a Display Port 1.4 Version with high bandwidth and low power consumption. Uses optical fiber to replace copper wire as the high-speed signal transmission medium. LETO can transmit signals with resolutions up to 8k@60Hz Ultra High Definition content with distances upto 165 feet. Compared with the traditional copper wire, LETO is much longer, softer, slimmer, have better signal quality and perfect EMI/EMC feature. Compared with other conventional and HDMI optical fiber transmission solution, LETO is easy to use, has excellent compatibility and requires no external Power Supply.

## Highlights and Features

- No External Power Supply Required
- Highly Resistant with EMI and RF Interference
- Plug & Play
- Lossless Signal Transmission up to 165 ft/50m
- Display Port 1.4 Version
- Supports signals up to 8k@60Hz (Ultra High Definition resolutions)
- Thinner, Lighter & Softer than Conventional HDMI Cables
- Lock on Connector

## Applications

- Hardware Video Conferencing
- Professional Displays
- Professional HD Surveillance System
- Auditoriums, Meeting Rooms, Board Rooms
- Conference Hall, Seminar Halls, Theatres
- Switching Applications
- Company Receptions

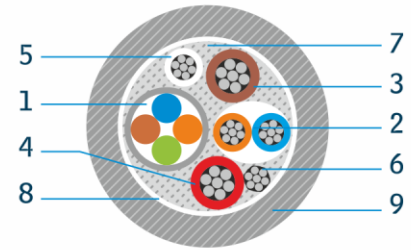


# Specifications

| INTERFACE                         |   |
|-----------------------------------|---|
| Host Side                         | DP type A with lock on connector                    |
| Device Side                       | DP type A with lock on connector                    |
| DATA RATE AND COMPATIBILITY       |   |
| Data Rate                         | Supports Up to 8.1Gbpsx4                            |
| Compatibility                     | DisplayPort 1.4, Support (8k)@60Hz Ultra HD Content |
| POWER                             |   |
| External Power                    | No external power needed                            |
| Power Consumption                 | 375mV@3.3V  |
| PHYSICAL DIMENSIONS/ENVIRONMENTAL |   |
| Cable Diameter                    | 4.0mm   |
| Dimensions                        | 48±0.15mm x 22.50±0.15mm x 13.460±0.15mm            |
| Tensile Strength                  | 100N (Long Term) / 200N (Short Term)                |
| Crush Resistance                  | 200N (Long Term) / 400N (Short Term)                |
| Bend Radius (Dynamic/Static)      | 20mm/10mm   |
| Operating Temperature             | 0°C to 50°C   |
| Storage Temperature               | -20°C to 70°C                                       |

# Fiber Specifications

|   |              |   |
|---|--------------|---|
| 1 | Sub Cable    | Tight buffer Fiber. 4 Cores. Colour: (Blue, Orange, Green, Brown)<br>Outer Diameter: 1.40mm-1.50 mm |
| 2 | AUX          | 28AWG Standard Wire. Outer Diameter: 1.30mm   |
| 3 | GND          | 24AWG Standard Wire. Outer Diameter: 0.90mm-0.92mm  |
| 4 | PWR          | 24AWG Standard Wire. Outer Diameter: 0.90mm-0.92mm  |
| 5 | HPD          | 28AWG Standard Wire. Outer Diameter: 0.60mm-0.65mm  |
| 6 | Drain Wires  | 28AWG Standard Wire. Outer Diameter: 0.39mm   |
| 7 | Aramid       | Kevlar for Strength   |
| 8 | Shielding    | Braided Layer ( Aluminium Foil)   |
| 9 | Outer Sheath | Thermoplastic Elastomer Material. Thickness: 0.50±0.10mm<br>Outer Diameter: 4.0±0.15mm              |



Model No. : **LETO\_AOC\_M2M**

Length : **10m / 15m / 20m / 30m / 40m / 50m**

For inquiry email us on  
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