



CRONUS

USB 3.0 Long Range Hybrid Active Optical Cables

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Next Generation USB 3.0 hybrid cable that uses optical Fiber as transmission medium. Uses optical fiber to replace copper wire as the high-speed signal transmission medium. CRONUS is thin, light and remarkably tough Optical Cable that can be bent, squeezed, and tangled. CRONUS length can be up to 50m. It requires no external Power supply to extend USB device reach. This production meets USB3.0 spec. Its build-in unique Super TT technology is capable of realizing mutual conversion between USB3.0 and USB2.0 protocols, so as to enable USB2.0 equipment to share the super speed bandwidth (5Gbps) of USB3.0.

Highlights and Features

- True Plug & Play. Requires No Driver.
- Supports: Windows, Mac OS X, and Linux
- Anti Jamming
- Hot Pluggable
- Requires No External Power
- Supports Lengths up to 50 Meter
- Lighting Fast Transmission Speeds up to 5Gbps
- Thinner & Lighter than Conventional Copper Cables
- Provides a max of 900mA/5V for the Device
- With Locking Screw Holes

Applications

- Video Conferencing
- Unified Communications
- Remote Storage
- Digital Signage and TV Wall
- High definition Video Surveillance System
- Machine Vision Camera Extension



Specifications

| INTERFACE | |
|-----------------------------------|--|
| Host Side | USB 3.0, Type A with Locking Screws |
| Device Side | USB 3.0, Type A with Locking Threads |
| DATA RATE AND COMPATIBILITY | |
| Data Rate | Supports Up to 5 Gbps |
| Compatibility | Backward compatible with USB 2.0/1.1 |
| POWER | |
| Host Side | USB Micro Interface for Power Supply |
| Current Supply* | Maximum 5V 900mA (10M / 20M / 30M) 600mA (50M) |
| Power Dissipation | .94 W |
| PHYSICAL DIMENSIONS/ENVIRONMENTAL | |
| Cable Diameter | 3.0mm |
| Host Side | 44mm x 27mm x 13mm |
| Device Side | 82mm x 26mm x 14.5mm |
| Bend Radius | 20mm |
| Operating Temperature | 0°C to 55°C |
| Storage Temperature | -20°C to 80°C |

* Need to connect auxiliary power supply to host side

Model No. : **CRONUS_HYAOC_AMAF**
Length : **10m / 20m / 30m / 40m / 50m**



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