



USB 3.0 Active Optical Cable

Best.nr: 20102213-19

Description

AOC extension cable, 20102213-19, links the USB signal up to 100m (328ft) without any repeater. USB-cable provides the simplest way to link the USB device far from the host. Owing to the advanced VCSEL and PD, USB protocol is capable of maintaining over such long-distance connection cost effectively.

20102213-19 provide A plug to A plug. In addition, instead of using a pure fiber optical cable, to enhance its affordability, hybrid fiber cable with electrical wire is used. The hybrid cable meets Plenum grade. This offers convenient extension where there is no AC power supply adjacent at the end of the device.

A to B copper cable (15cm) and a locking housing are provided as an options for Type B device such as Camera, USB hub and etc.

Specification

- Compatible with USB 3.0 standards
- Transmits USB 3.0 data to 100m (328 feet) over hybrid cable.
- TX / RX insensitive design (two-way port)
- SuperSpeed USB 5Gbps data rate
- Adopts plenum graded hybrid cable
- Operated by 5V source power
- USB 3.0 A plug to A type plug
- No software installation required: Plug and Play

Applications

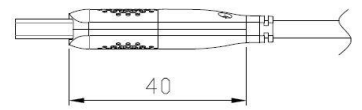
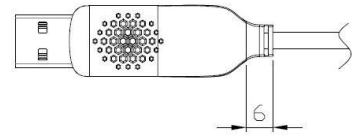
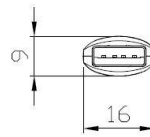
- Military
- Government
- Control Room
- Security / Monitoring over USB Camera
- Conference Room
- Offices / Factories

Technical Features

Standard	USB 3.0
Bit rate	Up to 5Gbps
Maximum distance	100m
Cable	Hybrid Cable (Optical Fiber + Copper cable)
Power supplying	USB VBUS (Host side)
LED Indicators	Power LED Blue
Power consumption	2W
Size (WDH)	40 x 16 x 9mm
Operating temperature	0 ~ 50 °C
Operating Humid.	10 to 85% RH, non-condensing

Dimension

40 x 16 x 9mm (WDH)

**Connection Diagram**