

OptoUSB™ Cable

USB 3.1 Gen 2 (10 Gbps) Type-A Cable

US Patent No. 8.948.197

APPLICATIONS

DEVICES

- Cameras
- Computers
- Tablets
- Smartphones
- Hard drives
- Monitors

FEATURES

- High Speed Fiber Optics
- Male to Female
- 10 Gbps data transfer
- Up to 15 meters
- EMI/RFI resistant



Cosemi OptoUSB™ cables support 10 Gigabits per second data transfer and up on a single cable. Utilizing fiber optics, these cables provide full signal integrity over distance and future-proofed bandwidth for the next generation of connected devices.

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Figure 1. Type-A Connector Pin Assignment

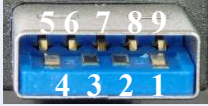
	
1	VBUS
2	D-
3	D+
4	GND
5	SSRX-
6	SSRX+
7	GND
8	SSTX-
9	SSTX+

Table 1. Mechanical/Electrical

Cable Color	Black
Cable Diameter	4 mm
Bulkhead Dimensions	9x18x37 mm (female), 8x18x32 mm (male)
Minimum Bend Radius	10 mm
Length	5, 10, 15 m
Cable Horizontal Tensile Strength	280N (62 lbs)
Connector Contact Material	Copper
Bulkhead Pulling Force	200N (45 lbs)

Table 2. Environmental

Storage Temperature	-5 to 85C
Operating Case Temperature	0 to 70C
Humidity	0 to 85% RH