

IEEE1394.b interface cable
1394.b long cable
1394B L series

RoHS compliant

UL758 Style 20276 80°C 30V

The standalone cable enables a maximum transmission distance of 8 m, which greatly exceeds the standard length of 4.5 m! This cable is suitable for robot cameras and other applications that require long-distance transmission.



Features

- Our special cable configuration (patented) is designed for low attenuation and enables long-distance transmission.
- Complies with IEEE1394.b interface standards (transmission speed: 800 Mbps)
- Maximum transmission distance of 8 m! (Standard length: 4.5 m)
- The special cable configuration lowers attenuation and realizes a transmission distance twice the standard
- The special cable configuration and shielding ensure noise-proof properties in FA environments.
- Sold with connectors added.
- Environmentally friendly. Compliant with the RoHS directive.

Display of product names

1394B L (1)

(1): Cable length symbol (up to 8 m at an interval of 0.5 m)

(Example) 5 m: 050; 8 m: 080*Consult us separately for cable lengths exceeding 8 m.

Specifications

Cable	UL	UL 758 Style 20276
	Rated temp./volt.	80°C / 30 V
	Sheath material	Heat-resistant PVC
	Color	Black
	Outer diameter	Standard 7.5 mm
	Flame retardant	VW-1
	Cable length	5 to 8 m (0.5 m interval)
Complete product	Connector type	9-pin with screw lock (beta type)
	Connector color	Black

Performance

Transmission speed/distance	8 m or less at 800 Mbps
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Usage environment

Application location	Fixed part
Operation temperature range	-5 to 45°C
Minimum bend radius (Recommended value) ^{Note 1}	30 mm or more

Note 1. The minimum bend radius is the recommended value for stable use.

Overview diagram

