

### USB Transmission over Two Fibers up to 500 Meters

The USB-511 system extends USB 1.1 connections up to 500 meters (1650 ft.) over two strands of multimode fiber, providing support for up to four (4) USB devices.

### System Design

The USB-511 transmitter (XMT) and receiver (RCV) units come as a compact stand alone system.



### Features

- Supports USB 1.1 (low speed , full speed) devices up to 12 Mb/s.
- USB-511 Receiver (RCV) is equipped with 4 USB ports.
- Extends USB 1.1 connections up to 500 meters (1650 feet).
- Provides support for both low-power and high-power USB devices.
- Power adapters are available for 110V or 110-240V applications.
- Fully compliant with USB 1.1 Specification, as certified by the USB Implementers Forum.
- Number of devices can be increased using standard hubs.



865	Mode	Wavelength Suffix	Fiber Type	Range*	Conn Type
•	MM	LO	50/125μ 62.5/125μ	500 m	MT-RJ

\* Chromatic dispersion and additional losses should be taken into account.

# Data (Ethernet/Serial/USB)

## Product Specifications

USB cable	2 meters (6.6 ft)
Data rate	12 Mbps
XMT connector (upstream)	1 x USB Type B
XMT connector (downstream)	1 x MT-RJ
RCV connector (upstream)	1 x MT-RJ
RCV connector (downstream)	4 x USB Type A
Power adapter capacity	15 V <sub>DC</sub> @1 Amp (connected at XMT and RCV)
Power available to USB at RCV	4 x 500mA
XMT dimensions	114mm x 106 mm x 38mm (4.5" x 4.2" x 1.5")
XMT weight	0.3 kg (0.6 lb)
RCV dimensions	114mm x 106 mm x 38mm (4.5" x 4.2" x 1.5")
RCV weight	0.3 kg (0.6 lb)
Power adapter capacity	15 V <sub>DC</sub> @1A (connected at XMT and RCV)
Total system shipping weight	1.1 kg (2.4 lb)
Temperature range	0°C to 40°C

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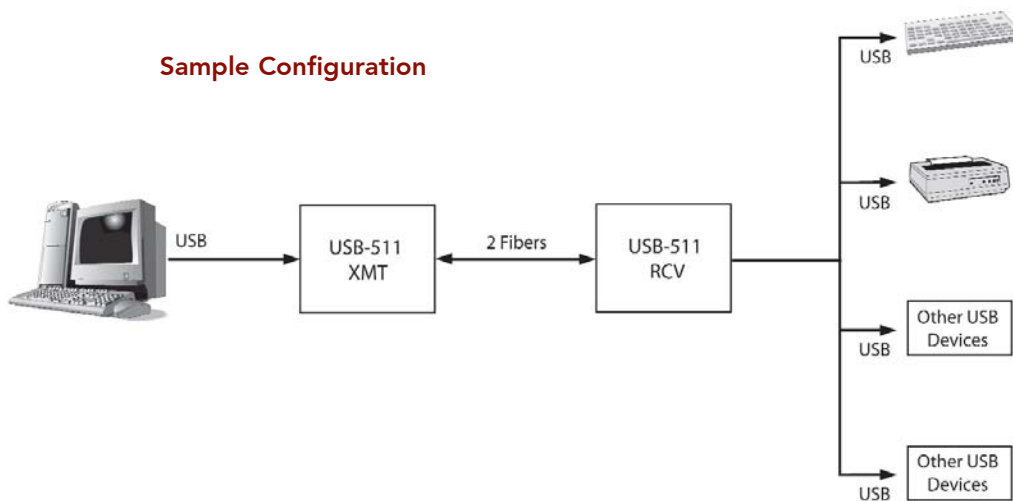
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## Sample Configuration



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