

FOUB30

79521-S Data Sheet

The FOUB30 is a high-speed USB 3.1/2.0/1.1 fiber extender capable of carrying real-time USB 3.1 signals up to 100m (328 ft), or real-time USB 2.0 signals up to 6km (3.7 mi). The receiver acts as a 4-port USB hub, and the transmitter includes a USB-B host port for connecting to a PC. The receiver includes an external power supply that ensures it is capable of powering multiple connected USB devices (keyboards, mice, etc). With its compact size, this USB extender set provides a fast, flexible, and high-quality solution for USB extension over long distances.

Features:

- Data transfer rates of up to 5Gbps over optical fiber
- Real-time transmission up to 3.7 miles (USB 2.0) or 328 feet (USB 3.1 Gen 1)
- Plug-and-play; no drivers or software required
- Receiver acts as a 4-port USB 3.1 USB hub
- Shipped fully functional, pre-programmed, and rigorously tested



FOUB30

79521-S Technical Specifications

USB Interface	Transmitter: 1 USB 30 (Type-B, Female) Receiver: 4 USB 3.0 (Type-A, Female)
Fiber Interface	Transmitter: 1 LC Receiver: 1 LC
Transmission Distance	USB 3.1 Gen 1: Single-mode or multi-mode fiber Non-real-time Transmission: 985 ft (300m) Real-Time Transmission: 330 ft (100m) USB 2.0/1.1: Single-mode fiber Non-Real-Time Transmission: 6.2 mi (10km) Real-Time Transmission: 3.7 mi (6km) USB 2.0/1.1: OM3 Multi-mode fiber 1,640 ft (500m)
Data Transfer Rate	USB 3.1 Gen 1: 5Gbps USB 2.0: 480 Mbps USB 1.1: 12 Mbps
Operating Temperature	14 ~ 140°F (-10 ~ 60°C)
Operating Humidity	20 ~ 80% (relative, non-condensing)
Storage Temperature	-49 ~ 185°F (-45 ~ 85°C)
Storage Humidity	10 ~ 80%, non-condensing
Power Supply	Input: 100 ~ 240 VAC, 50/60Hz Output: DC 12V, 2A (24W)
Product Dimensions	Transmitter: 5.3" (135mm) x 3" (75mm) x 1" (26mm) Receiver: 6.3" (160mm) x 3.3" (85mm) x 1" (26mm)

Specifications are subject to change without notice

