

# 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

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

Specifications are subject to change without notice

