



RB-USB20

USB-A to 4 port USB-A 2.0
Fiber Extender Set

The RB-USB20 is a USB 2.0 to fiber extension solution, allowing transmission of the USB 2.0 interface over one single fiber strand to distances up to 20Km(SMF) or 1Km(MMF). The set has a Transmitter (T) unit and Receiver (R) unit working together. Receiver is powered from a hosting device (for example a PC) and remote Transmitter has its own DC 12V adapter. The remote unit includes a 4 port USB 2.0 type A hub. The speed over fiber is maximum 480Mbps and it is shared between the 4 available USB ports.

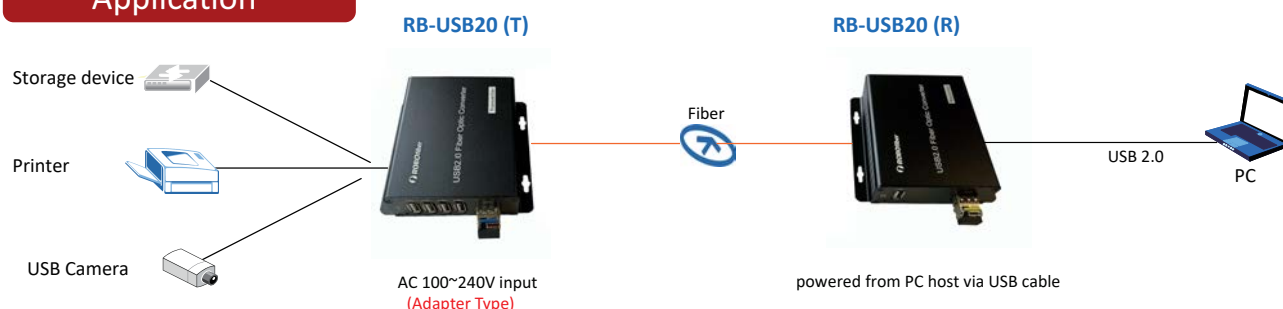
Features

- single strand fiber operation
- no power needed at PC end
- 4 USB 2.0 type A ports for remote devices
- USB 2.0 wire speed over fiber (480Mbps)
- DC 12V power for remote unit
- LED indicators for fiber link and for USB connected devices
- Plug and Play, no settings required

Specifications

Optical Interface	Connector	SFP slot (LC connectors)	Standards	USB 2.0
	Data rate	1.25G SFP type (GE)	Indications	LED (Power, Fiber, USB1 ~ USB4 Link)
	Duplex mode	Full duplex	Power Input	Adapter Type: DC 12V/1A Power Input : AC 100 ~ 240V, 50-60Hz Power plug: US 2 blade, type A connector(EU & UK available)
	Fiber	MM 50/125μm, 62.5/125μm or SM 9/125μm	Power Consumption	< 5W
	Distance	Depending on SFP used, default 20Km	Dimensions (D x W x H)	104 x 104 x 28mm (SFP transceiver not included)
	Wavelength	Depending on SFP used MM 1310nm, SM 1310,1550nm WDM 1310Tx/1550Rx (Type A) 1550Tx/1310Rx (Type B)	Weight	Adapter : 90g Converter : 300g
Electrical Interface	Connector	USB 2.0 type A	Temperature	0 ~ 50°C (Operating), -10 ~ 70°C (Storage)
	Data rate	480Mbps USB wire speed	Humidity	10 ~ 90% non-condensing
	Duplex mode	Full duplex	Certification	CE, FCC
	Cable	USB 2.0	MTBF	65,000 hrs

Application



Ordering Information

Model Name	Description
RB-USB20	USB 2.0 type A fiber extender set (Transmit and Receive) with 4 port USB 2.0 remote hub