Baaske Medical

USB 2 Isolator STD 2324 EU
Fiber Optic USB 2.0 Extender

LEX

REX

Features

The Ranger 2324 and Ranger 2344 are ideal for extending USB peripherals including:
keyboards, mice, interactive whiteboards, flash drives, hard drives, audio devices, web cameras and any other USB device across a dedicated fiber optic connection. Key features include:

- Supports USB 2.0 throughputs of up to 480 Mbps
- Supplies up to 1 Amp per USB port; 600mA when all four ports are used concurrently
- Integrated hub provides ports for four USB devices, use hubs to add more
- Electrical isolation
- Reliable operation with USB 2.0 and 1.1 devices and hubs

Includes the ExtremeUSB® suite of features:

- Transparent USB extension
- True plug and play; no software drivers required
- Works with all major operating systems: Windows®, macOS™ and Linux®

Applications

- Medical
- Sensor/data acquisition
- Keyboard and mouse extension
- Industrial control

USB 2 Isolator STD 2324 EU *extends high-speed USB 2.0 connections up to 500 m using multimode fiber while the USB 2.0 Ranger 2324 extends up to 10km over singlemode fiber optics.*

Changes and errors excepted.

Technical Data

Ranger 2324

Ranger 2344

DISTANCE

Ranger 2324:   Up to 500m over Multimode Fiber (OM2+)
Ranger 2344:   Up to 10km over Singlemode Fiber

USB DEVICE SUPPORT SPEEDS

Maximum Throughputs: USB 2.0: Up to 480 Mbps, USB 1.1: Up to 12 Mbps
Traffic Types: All USB 2.0 and 1.1 Traffic Types
Device Types: All USB 2.0 and 1.1 Device Types
Maximum Number: Up to 30 devices

LEX (LOCAL EXTENDER)

USB Connector: 1 x USB Type B Receptacle
Link Connector: 1 x SFP Duplex LC
Dimensions: 100.0mm x 76.0mm x 26.0mm (3.9" x 3.0" x 1.0")
Enclosure Material: Silver Anodized Aluminum

REX (REMOTE EXTENDER)

USB Connectors: 4 x USB Type A Receptacles
Link Connector: 1 x SFP Duplex LC
Dimensions: 100.0mm x 76.0mm x 26.0mm (3.9" x 3.0" x 1.0")
Enclosure Material: Silver Anodized Aluminum
Available Current: Up to 600mA to each USB port concurrently
Power Supply: 100-240V AC Input, 24V 1A DC Output

ENVIRONMENTAL

Operating Temperature: 0°C to 50°C (32°F to 122°F)
Storage Temperature: -20°C to 70°C (-4°F to 158°F)
Operating Humidity: 20% to 80% Relative Humidity, Non-Condensing
Storage Humidity: 10% to 90% Relative Humidity, Non-Condensing

COMPLIANCE

EMC: FCC (Class B), CE (Class B)
Environmental: RoHS2 (CE)

SUPPORT

Warranty: 2-years

ORDER INFORMATION

Item No.:   2011955

Changes and errors excepted.

EXTREME USB®

Host Computer — Up to 500m between extenders over multimode fiber or up to 10km over singlemode fiber optics — All USB Devices

LEX   REX