

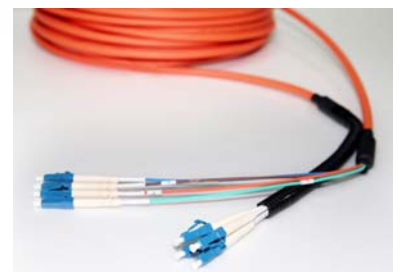
USB 2.0 Ranger 442/444

Fiber Extender System ®



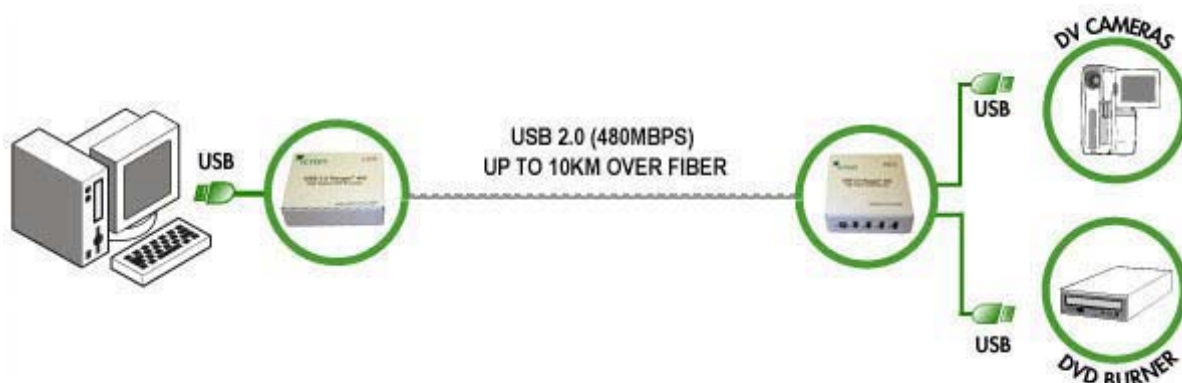
USB 2.0 Ranger 442 extends USB 2.0 connections up to 500m over multimode fiber optics.

USB 2.0 Ranger 444 extends USB 2.0 connections up to 10km over singlemode fiber optics.



Ranger 442/444 Features

- True plug and play support for USB 1.1 (low-speed, full-speed) and USB 2.0 high-speed devices operating up to 480Mb/s.
- Supports all major operating systems including Windows, MAC-OS, Linux and Sun.
- Four USB ports provided at device side remote extender (REX).
- Number of devices can be increased using standard USB hubs.
- Powered at both the local extender (LEX) and remote extender (REX) modules.
- REX USB ports support high powered (500mA) devices.



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Ordering Information

USB 2.0 Ranger 442/444 solutions include a Local Extender (LEX) module, a Remote Extender (REX) module, a USB cable, 2 power adapters and User Guide.

Name	Part Number	Description
USB 2.0 Ranger 442	00-00213G	4-Port 500m Multimode fiber Extender, 100-120V NA power adapters.
USB 2.0 Ranger 442i	00-00214G	4-Port 500m Multimode fiber Extender, International 100-240V power adapters.
	00-00215G	North America Power Cords.
	00-00216G	European Power Cords
	00-00216G	UK Power Cords
USB 2.0 Ranger 444	00-00218G	4-Port 10km Singlemode fiber Extender, 100-120V NA power adapters.
USB 2.0 Ranger 444i	00-00219G	4-Port 10km Singlemode fiber Extender, International 100-240V power adapters
	00-00220G	North America Power Cords
	00-00221G	European Power Cords
	00-00221G	UK Power Cords



Product Specifications

Ranger 442 (Multimode) Reach	500m (1650 ft) on 50/125µm MMF 300m (1000 ft) on 62.5/125µm MMF
Ranger 444 (Singlemode) Reach	10km
USB cable	2m (6.6 ft)
LEX connector (upstream)	1 x USB Type B
LEX connector (downstream)	1 x Duplex LC
REX connector (upstream)	1 x Duplex LC
REX connector (downstream)	4 x USB Type A
Power adapter capacity	5V DC @ 3A (connected at LEX and REX)
Power available to USB at REX	4 x 500mA
LEX dimensions	107mm x 84mm x 34mm (4.25" x 3.4" x 1.4")
REX dimensions	114mm x 106mm x 38mm (4.5" x 4.2" x 1.5")
LEX/REX weight	0.3 kg (0.6 lb)
Total system shipping weight	1.1 kg (2.4 lb)
Temperature range	4°C to 40°C
Regulatory Testing	FCC, CE Class A

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Specifications subject to change without notification.

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