



The 648 is a high-performance bidirectional optical repeater for FireWire® 1394a and 1394b signals. When used in pairs, it extends FireWire® cable runs up to a distance of 500m.

#### FEATURES

- FireWire® Ports - 2 bidirectional 9-pin IEEE 1394b 800Mbps.
- Optical Ports - 2 duplex LC fiber connectors.
- Range - Extends FireWire® cable range from 4.5m (14.5ft) up to 500m (1640ft) between 2 units.
- Transfer Rate - 100, 200, 400, and 800Mbps.
- Compact DigiTOOLS® - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.

#### TECHNICAL SPECIFICATIONS

PORTS:	Two 9-pin serial 1394b Ports.
TRANSFER RATE:	100/200/400/800 Mbps.
STANDARDS:	Fully supports the provisions of the IEEE 1394b standard and the IEEE 1394-1995 Standard for High Performance Serial Bus and the P1394a Supplement; Fully interoperable with FireWire® and i.LINK implementation of IEEE Std 1394; Fully compliant with OpenHCI requirements.
POWER SOURCE:	12V DC, 150mA.
DIMENSIONS:	12cm x 10.05cm x 2.76cm (4.7" x 3.95" x 1.08") W, D, H.
WEIGHT:	0.3kg (0.67lbs) approx.
ACCESSORIES:	Power supply, bracket installation kit, 1 FireWire® 9-pin to 6-pin connector cable.
OPTIONS:	RK-3T 19" rack adapter.

