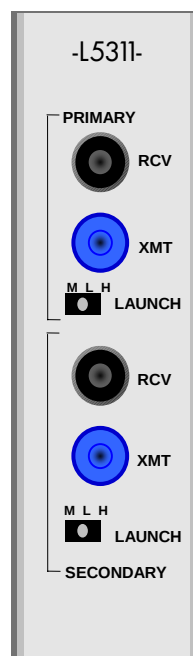


L5311 RTN (*acrylic*) LinkCard

GENERAL DESCRIPTION

The RTN (Real Time Network) LinkCard is the interface between a Link component and the fiber optic network. Plugged into a LinkRack or LinkStation, it communicates with other modules on the Link network via 1000 micron acrylic fiber optic cable. The L5311 has two sets of transmitters and receivers to support Primary and Secondary fiber optic channels. Refer to the Link Overview Manual HA350678 for detailed information on network topology. Transmission intensity may be selected LOW, MEDIUM or HIGH by toggle switches, depending on the distance to the next Link node. Terminations are standard T&B connectors, red for transmit and black for receive.

NOTE: An unused receiver of the secondary channel should be plugged with an opaque plug, supplied with the unit. Failure to do so may result in spurious network faults due to the leakage of ambient light into that receiver.



TECHNICAL SPECIFICATIONS

Environmental		Fiber Optic Channels	
Operating temperature	0°C to 50°C (32 to 122°F)	Transmission Distance	Selected by individual toggle switches for Primary and Secondary fiber optic channels
Storage temperature	-10 °C to +70 °C (14 to 158°F)	LOW (center position)	up to 66 feet (20 meters)
Humidity	85% R.H. in a dry, non-condensing environment	MEDIUM (left position)	66 to 132 feet (20 to 40 meters)
Enclosure Rating	Touchsafe IP20. To be mounted inside an enclosure	HIGH (right position)	132 to 198 feet (40 to 60 meters)
Supply		Physical	
Supply Voltage	5VDC, supplied by backplane	Height	120mm (4.72 in)
Current Consumption	7.5 mA	Width	32mm (1.25 in)
Power Dissipation	0.6 Watts	Depth	90mm (3.54in)
		Weight	0.3 lbs (0.14 kg)