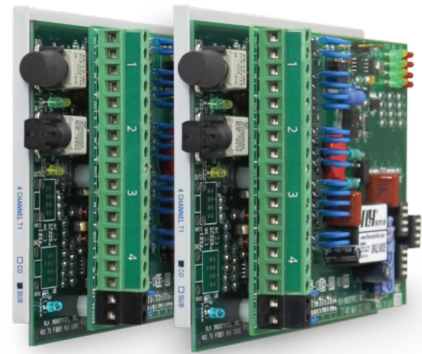


4 Channel T1 Mux Fiber Link Card System

The 4 Channel T1 Mux Fiber Link System transports up to four T1 lines over two strands of fiber. It has B8ZS and AMI compatibility, with LED status indicators for system monitoring, and provides cost effective, high density T1 over fiber in a single card slot. This hardened, rugged system is covered by our **Limited Lifetime Warranty**.



4 Channel T1 Mux Fiber Link Card

Key Features

Environment

Hardened to operate in -40°F to +158°F (-40°C to +70°C)

Power

Simplex 60mA line powering with 2 lines, eliminating costly external powering
Dual power capable, line or local 24/48VDC

Application

Available with ST or SC connectors for single or multi-mode fiber
Loopback features with independent channel testing
Accommodates four incoming T1 4 wire copper lines over one fiber pair
Optional Redundant Fiber Pair
Same unit may be used at either end of the fiber system
Can be used within or beyond customer premise environments
Critical, high voltage, remote or un-manned locations operating 24/7/365

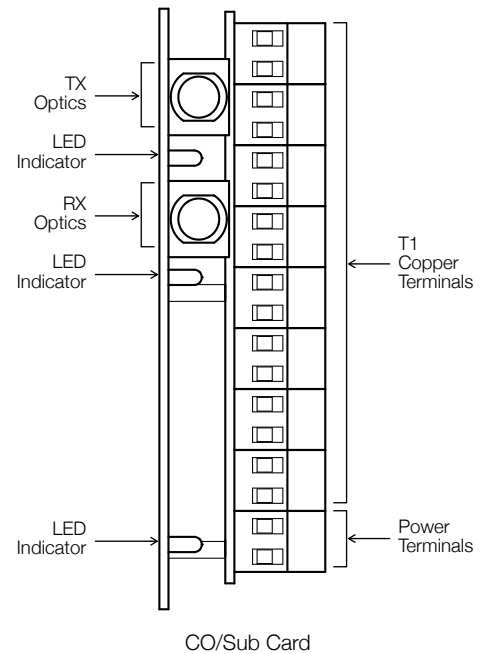
Compatibility

B8ZS and AMI
Operates from any HDSL-1, HDSL-2, or HDSL-4 NIU/RT

Quality

Made in the USA

Covered by our **Limited Lifetime Warranty**



Front Panel Features

Ordering Information

Optics	Distance	Fiber	Description	Part Number	CLEI
Multimode ST	2km / 1.2 mi.	62.5µm	CO Card	8806-1345-01	VAI2AAFBA
			SUB Card	8806-1355-01	VAI2AAGBA
Single-mode ST	15km / 9 mi.	8~9µm	CO Card	8806-1385-01	VAI2AAHBA
			SUB Card	8806-1395-01	VAI2AAJBA
Single-mode SC	15km / 9 mi.	8~9µm	CO Card	8805-1385-01	VAI2AABBAA
			SUB Card	8805-1395-01	VAI2AACBAA
Long Haul Single-mode ST	60km / 37 mi.	8~9µm	CO Card	8806-1385-01-LH	-
			SUB Card	8806-1395-01-LH	-
Long Haul Single-mode SC	60km / 37 mi.	8~9µm	CO Card	8805-1385-01-LH	-
			SUB Card	8805-1395-01-LH	-

- ▶ 62.5µm multimode fiber compatibility is standard, add **-50** to part number for 50µm fiber compatibility.
- ▶ Add **-RJ** to part number to include RJ Adapter with the card.
- ▶ Please contact your RLH sales representative for pricing and delivery information.

General Specifications

Transmission method	Amplitude modulated light via two optical fibers
	Multimode: 850nm (Tx level: -16dB ± 1dB)
	Single-mode: 1310nm (Tx level: -23dB ± 1dB)
	Single-mode Long Haul: 1310nm (Tx level: -8dB ± 2dB)
Maximum Fiber Attenuation / Distance*	Multimode: 10dB / 1.2 miles (2 km)
	Single-mode: 8dB / 9 miles (15 km)
	Single-mode Long Haul: 26dB* / 37 mi. (60 km), *min. required loss -8dB
	*Note: Distances equated using industry standard fiber and connector attenuation of 3dB/Km. Fiber condition, splices and connectors may affect actual range.
Fiber Type	ST or SC connectors Multimode: 62.5/125µm, 50/125µm Single-mode: 8-9/125µm
Temperature Limits	-40°F to +158°F (-40°C to +70°C + maximum solar load)
Humidity	95% non-condensing
Dimensions	RLH Standard Form Factor L7" x W4"x H1.1"
BER	<10 ⁻⁹
Transmit Level	6V P-P Nominal
Surge Protection	Fuses, thyristors, PTC thermistors, zeners, and MOVs
Power Requirements	CO/ Sub Cards: 24-48VDC, 120mA
Powering Method	Line power simplex on Send and Receive pairs, or an isolated DC power source connected to AUX. P.S. input.
Warranty	Limited Lifetime <i>Visit www.fiberoptick.com for warranty details</i>