

Fiber Optic Link Transceiver

(200m, >1MBD, 630nm, 50 micron core fiber,)

Product Description

This series of Fiber Optic Link Transceivers is for short distance communication. Our laser feature precision feedback power control to provide high stability against environmental variations and the photodetector has build-in TIA to reduce signal noise. Many wavelengths are available for your application. Analog transmission option is also available.



Performance Specifications

Optic Transceiver	Min	Typical	Max	Unit
Center Wavelength	630	850,1310,1550,	1600	nm
Rise/Fall Time	10	40	80	ns
Output Optical Power	1	2	10	mW
Polarization Dependence			0.1	dB
Output Power Stability	0.1	0.2	0.3	dB
Transmission Data Rate	1	5	20	MBD
Input Voltage (DC)	4.8	5	7	V
Input Current	80		1000	mA
Transmission Trigger Voltage		>1.5V at 60mA		
Power Consumption			5	w
Reverse Input Breakdown Voltage			7	V
Operating Temperature	-5		70	°C
Storage Temperature	-45		85	°C

Features

- High Stability
- Low Cost
- Ease to Use

Applications

- Laboratory Uses
- Testing
- Instrumentation

Dimensions (Unit: mm)

~100mmx70mmx20mm



*Product dimensions may change without notice. This is sometimes required for non-standard specifications.

Electrical Connection

BNC Female for Input
 BNC Female for Output
 Wall mount DC Power supply provided with a 110 to 220 AC input

Ordering Information

TRAC-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Config	Wavelength	Polarization	Modulation			Fiber Type	Jacket Size	Connector
	standard=1 special=0	630nm=1 850nm=2 1300nm=3 1480nm=4 1550nm=6 1610nm=7	random=1 maintaining=2	digital=1 analog=2			SM28=1 50/125=2 60/125=6 PM1550=2	0.9mm=3 1mm=4 3mm=5	FC/PC=2 FC/APC=3 SC/PC=4 SC/APC=5 Special=0