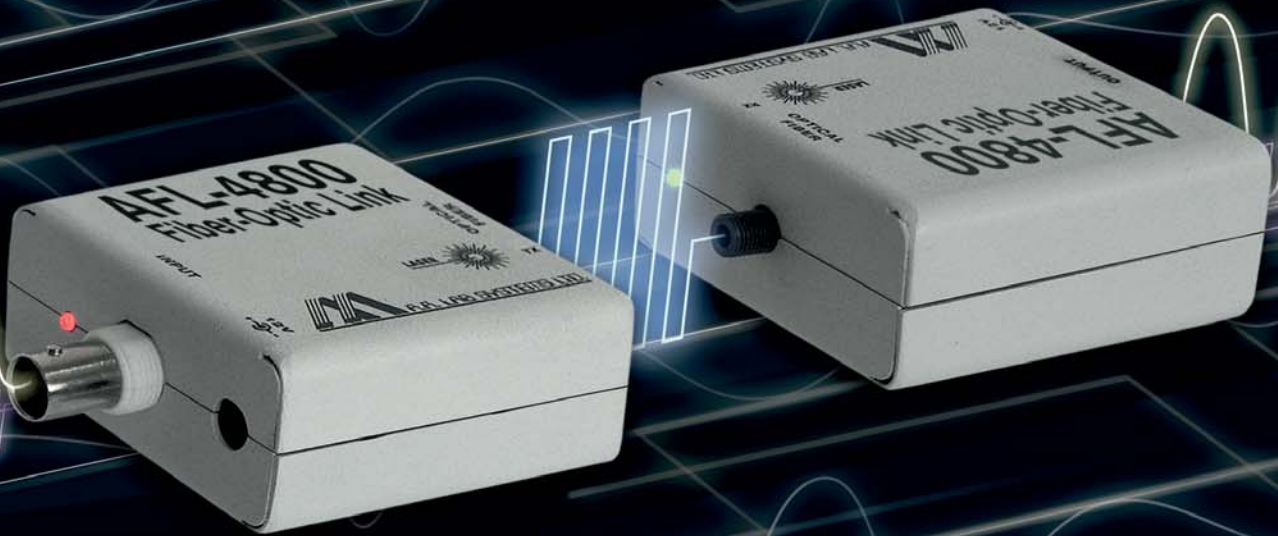


AFL - 4800

High Speed Fiber Optic Link



A.A. LAB SYSTEMS LTD.

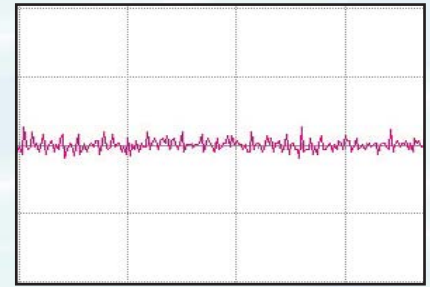
The AFL-4800 is a high speed Fiber Optic link used for transferring 1 Analog signal and 2 digital logic signals. The link is used for transferring high speed Analog and Digital signals over an optical fiber.

Features:

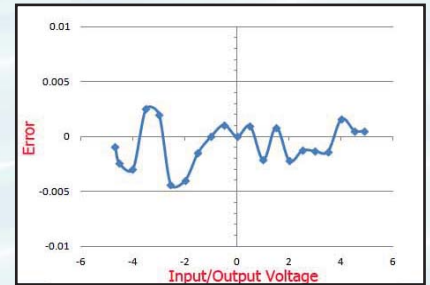
- Excellent signal isolation.
- Prevents ground loops and computer noise effects on your analog signals.
- Transfers analog and digital signals to distances of up to 3 Km (20Km. optional)
- Linearity: better than +/-0.1%
- Low noise; S/N ratio: 76dB
- Input signal: Analog: up to +/-5V @ DC-8MHz, DC-15MHZ. optional
Digital: 2 Signals, 0-5V (TTL) or 0-3V logic, DC-60 MHz.
- Input power: 7.5V DC or 12V optional
- Very small size: only 61 x 61 x 28 mm
- 2 Digital I/O pins for fast synchronization serial data.

Specifications:

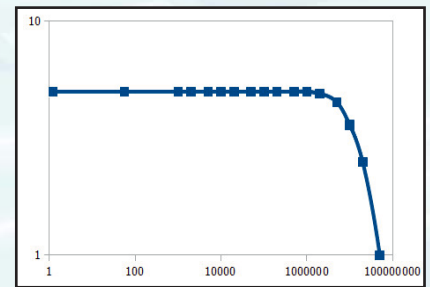
Analog Input Range	+/-5V
Output Voltage Range	+/-5V
Non-Linearity Error	0.07%@+/-5V range
Noise	Better than 2mV
Input Impedance	1 KOhms, 50 Ohms optional
Analog Bandwidth	DC-8MHz standard, DC-15 MHz.opt.
Digital Bandwidth	DC-60MHz
SNR	76dB
Supply Voltage	7.5V DC standard. 12V optional
Supply Current	RX: 530 Ma, TX: 470 Ma



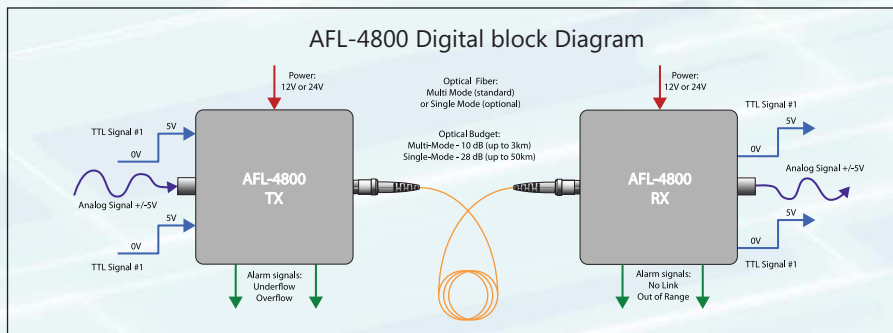
Output noise, DC-8MHz. Bandwidth, 10mV/div,



Typical Non-Linearity curve, 5mV/Div.



Typical frequency response, 5Vptp Sine wave, DC-100MHz, DC-8MHz. model



Rack Mounting: AFL-300-RACK

A standard 19" rack mounting case for up to 10 AFL-300 units (receivers or transmitters) with ON/OFF switch and power supply / charger input.



POWER SUPPLIES:

AFL-300 - O2
-2 channel power supply
(for one side)



AFL - 300 - 6
-6 channel power supply
(for one side)



AFL-300-BAT
Battery operated power supply:



Head office: 33 Hayetzira st. Ramat-Gan 52521, ISRAEL, Tel:972-3-5756327/8 Fax:972-3-5756326
U.S.A office: 9 Blossom Drive, Kennett Square, PA19348, Tel:(302)478-2881 Fax:(610)444-5544