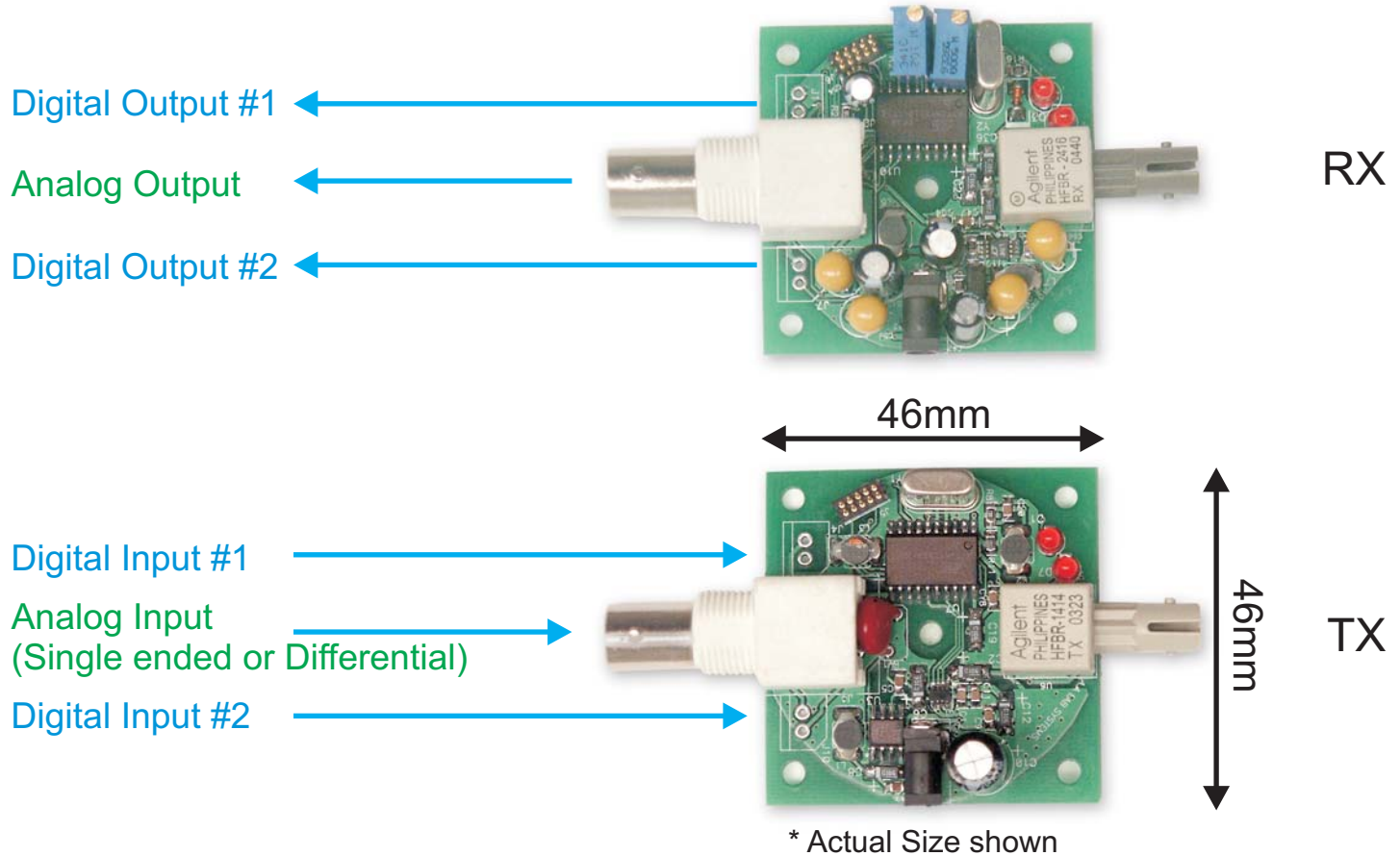


# AFL-200

## Analog / Digital Fiber Optic Link

for OEM applications



The AFL-200 is a low cost fiber optic link, designed for applications where low cost, high accuracy and low power consumption are essential. The unit can transfer 1 analog signal and 2 digital (TTL) to a distance of more than 1 mile (1.6 Km). The AFL-200 has very low noise and high accuracy.

### Specifications:

Input Voltage range: 0 to 5V or -5V to +5V or -10V to +10V  
Output Voltage range: 0 to 5V or -10V to +10V  
Non-linearity error: +/- 0.05% over +/-10V range.  
Noise: Better than 0.5 mV RMS (DC to 5 KHz. BW).  
Input Impedance: 10K Ohms

Analog Bandwidth: DC - 5 KHz.  
Digital Bandwidth: DC - 20 KHz.(per channel).  
Signal to Noise ratio: 72 dB.  
Supply Voltage: 12V +/-10%  
Supply current (@12V): TX:60mA RX:90mA



[www.lab-systems.com](http://www.lab-systems.com)

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