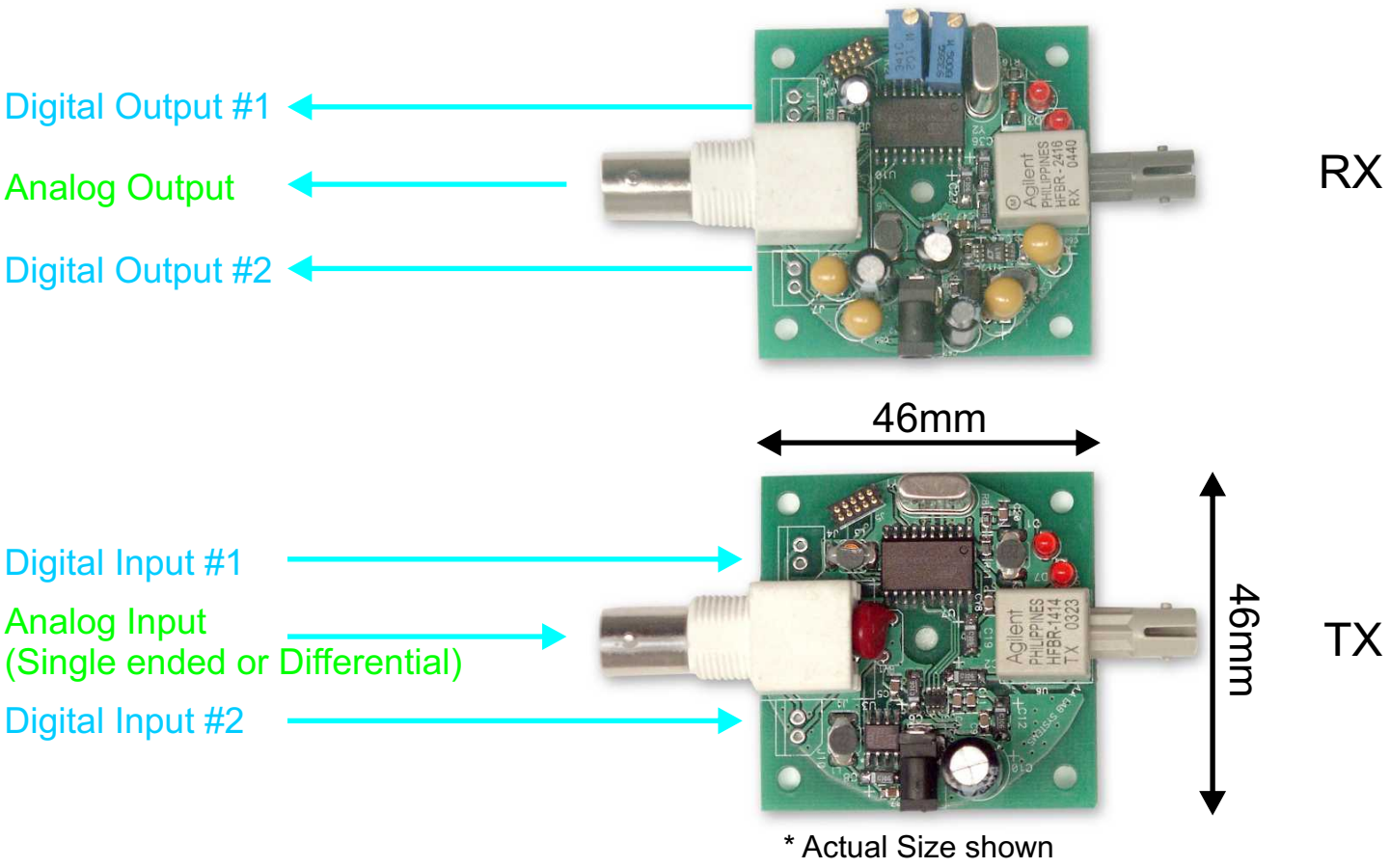
AFL-200

Analog / Digital Fiber Optic Link

for OEM applications



* Actual Size shown

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: 143K 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

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