



The FOT/FOR Series Analog Fiber Optic Data Links provide for the transmission of 0 to 10Vdc or 4 to 20mA electrical signals over a single optical fiber. An extremely accurate representation of the input signal is reproduced up to 2 miles away from the signal source.

The units can be wall or panel mounted and are available with either SMA or ST* Optical connectors. The side facing optical connection is the standard configuration but this may be replaced with the optional right angle connection on the unit's face plate.

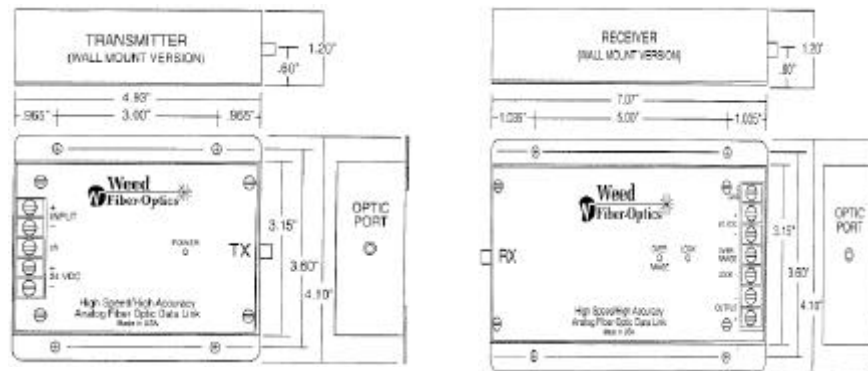
SPECIFICATIONS

Mechanical:

Weight/Unit: < 14oz (400g)

Case: Painted Steel

Face Plate: Clear Anodized Aluminum



Response Time:

< 2ms (10% to 90% input step change) transfer rates to 800Hz

Accuracy:

± 0.1% (over the entire operational temperature range)

Optical Wavelength:

850nm

Optical Dynamic Range:

18dB utilizing 62.5/125mm Multi-Mode Fiber
30dB utilizing 200/230mm Multi-Mode Fiber

Power Requirements:

24Vdc, 150mA Transmitter, 200mA Receiver

Copper Cable Connections:

.375" Screw Terminal Barrier Strip, accepts 12 to 22 AWG

LED Indicators

Transmitter:

Green - Power
Red - Over Range (analog input signal)
Red - Under Range (analog input signal)

Receiver:

Green - Lock (receiving adequate optical signal strength from transmitter)
Red - Over Range (analog input signal)

Ambient Conditions:

-40°C to 100°C Storage
0°C to 70°C Operational (Standard)
-20°C to 85°C Operational (Optional)
0 to 90% Relative Humidity Non-Condensing



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