FIB-100-0007 PX150 Junction Box

The Houston Radar FIB-100-0007 provides a protected interface between a Power over Ethernet (POE) RJ45 connection and the PX150 via the 900-0082 cable.

Key Features and Advantages

- **150 Amp 8/20us surge rated, common mode and differential**
- **Supports 24V passive PoE on Mode-B pairs at 100Mbps and 100 meters**
- **No pernicious common mode conversion mechanism**
- **Ultra-fast picosecond response time with all-silicon solution**
- **3.3V differential working voltage, 58V common mode (POE)**
- **4-layer heavy copper PCB for maximum signal integrity**
- **No performance degradation from repeated surges within rating**
- **Transformer-isolated Ethernet pairs**
- **Mounting on vertical or horizontal support**

Specifications & Recommended Operating Conditions	
Specification	Recommended Condition
Power Supply	24 Volts DC nominal, 32 VDC max
Power Consumption	None
Current pass-through	1 A maximum
Storage Temperature	-45 to 85 °C
Operating Temperature	-40 to 74 °C
Min. mounting support diameter	2 ¼”
Dimensions	4.6” x 5” x 3.35”

CERTIFICATIONS

- IEC 61000-4-5 Ed 3.1 2017-08 (pending) (Surge)
- NEMA 250-2008 (4X)
- NEMA TS-2-2021 v03.08
- IEC 60529-2020 (IP66)

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