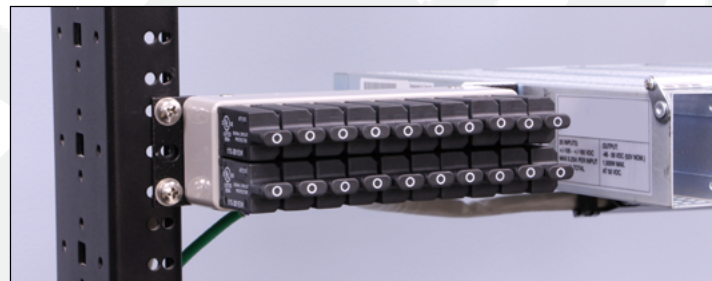
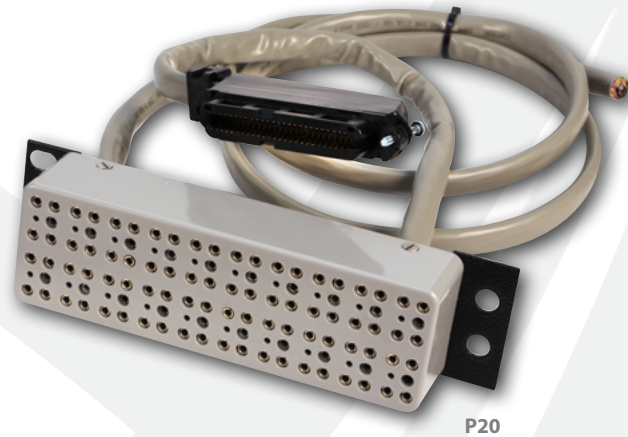


P20 Series

20 Pair Rack Mount Protector Panel

Headend/CO

Wireless



The P20 Series is a 20 pair protector unit designed to protect sensitive equipment on 20 copper pairs from overvoltage surge events. It utilizes industry standard 5 pin protector modules, and is typically installed in an OSP cabinet next to the 48VDC to High Voltage DC Upconverter for Line Powered applications such as Small Cell or 5G. Its space saving design is easily accommodated in most systems such as Alpha's CSM46 without occupying any additional rack space.

KEY PRODUCT BENEFITS

- ▶ Designed for line power upconverter cabinets / 5G and Small Cell applications
- ▶ Protects equipment connected to the OSP from lightning surge events
- ▶ Rack mountable space saving design – mounts next to DC-DC converter in previously unused space
- ▶ Utilizes easily replaceable standard 5-pin protector modules which conform to the industry standard footprint
- ▶ Designed for Line – Line Powering +/- 190V
- ▶ Stub In from OSP – 24AWG Gel filled, 5 foot length
- ▶ RJ21 Out to DC-DC converter – 24AWG, non-gel, 1 foot length
- ▶ RJ21 pinout matches Alpha's CSM46

INDUSTRY STANDARDS

- ▶ cUL Listed to UL497



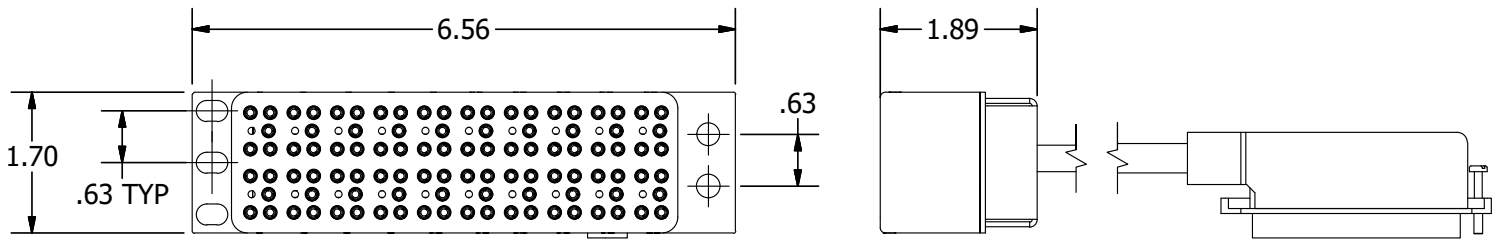
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P20 Series



Dimensions are in Inches

Model No.	Description
P20	20 Pair Protector Panel, 5 Foot Gel Filled 24AWG OSP Cable In, 1 Foot 24AWG RJ21 Out to Converter No Protector Modules

** Protector Modules utilized with this product must guarantee Line to Ground and Line to Line breakdown voltages in excess of the High Voltage DC signals in use. For +/- 190VDC (380VDC Line to Line) systems, a suitable Tii Part Number is 175-3B1E-400-N.*