



Rapid release U-links provide manual switching for high power RF circuits. Typical applications include transmitter, antenna and test load patching.

- Manufactured in custom built configurations ranging from simple patch panels to fully integrated multichannel switching
- Integrated with other components (combiners, etc)
- Housed in rack cabinet
- Blanking panels, side panels and locking rear door
- Metering
- Mimic panel with/without LED display
- Interlock circuits wired to terminal blocks



Typical patch panel in a rack with digital metering

FEATURES / BENEFITS

- Fast, simple lever action
- Slimline - low profile design
- Interlock circuits operate before the RF circuit is disturbed
- Available in five sizes to match RFS rigid line sizes/power ratings
- Standard EIA or IEC test adaptors can be used
- Input/output line sizes can be varied to suit using RFS developed R series adaptors.

Technical features

STRUCTURE

| | | |
|-----------------|--|---------------------------------------|
| Product Line | | Patch Panels |
| Product Type | | Patch Panel, 5 port, 1-5/8" line size |
| Input Connector | | 1-5/8" Unflanged |

ELECTRICAL SPECIFICATIONS

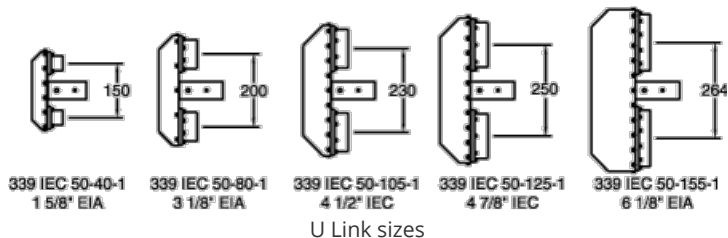
| | | |
|--|-----|--|
| Frequency Range | MHz | 44 - 70 |
| Return Loss | dB | 30 |
| Power Rating Comment | | Refer to Figure 2 Power Rating and Attenuation |
| Peak Voltage Rating | kV | 4.7 |
| Impedance, ohms | Ohm | 50 |
| Insertion Loss at Channel Centre Frequency | dB | -3 +/- 0.1 |

MECHANICAL SPECIFICATIONS

| | | |
|------------------|--|------------------|
| Output Connector | | 1-5/8" Unflanged |
| Coating | | Painted |

TEMPERATURE SPECIFICATIONS

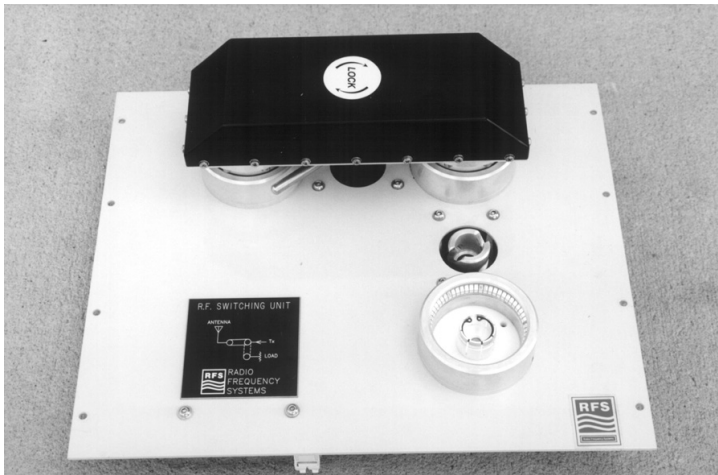
| | | |
|-----------------------|--------|----------------------|
| Operation Temperature | °C(°F) | 0 to 40 (32 to 104) |
|-----------------------|--------|----------------------|



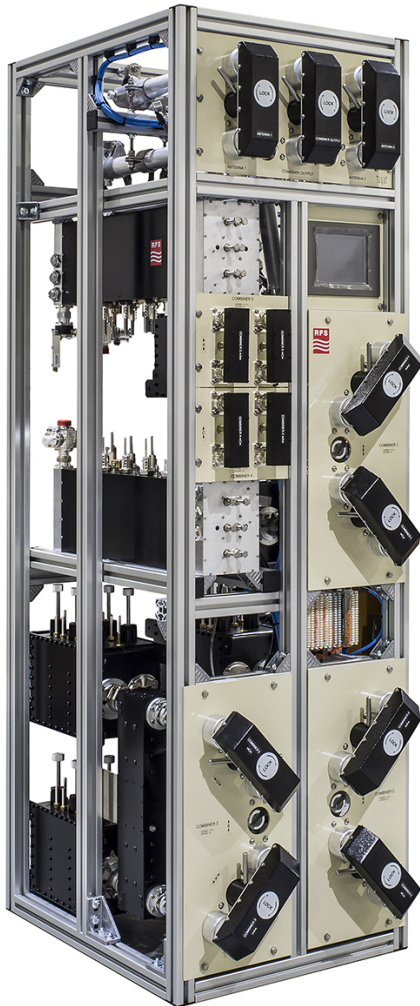


PP158A5T

Patch Panel for Rapid Release U-Links 1-5/8" Line size



Typical 3 port patch panel



Many configurations are possible

External Document Links

[Switch frame installation instruction and power ratings and attenuation characteristics](#)

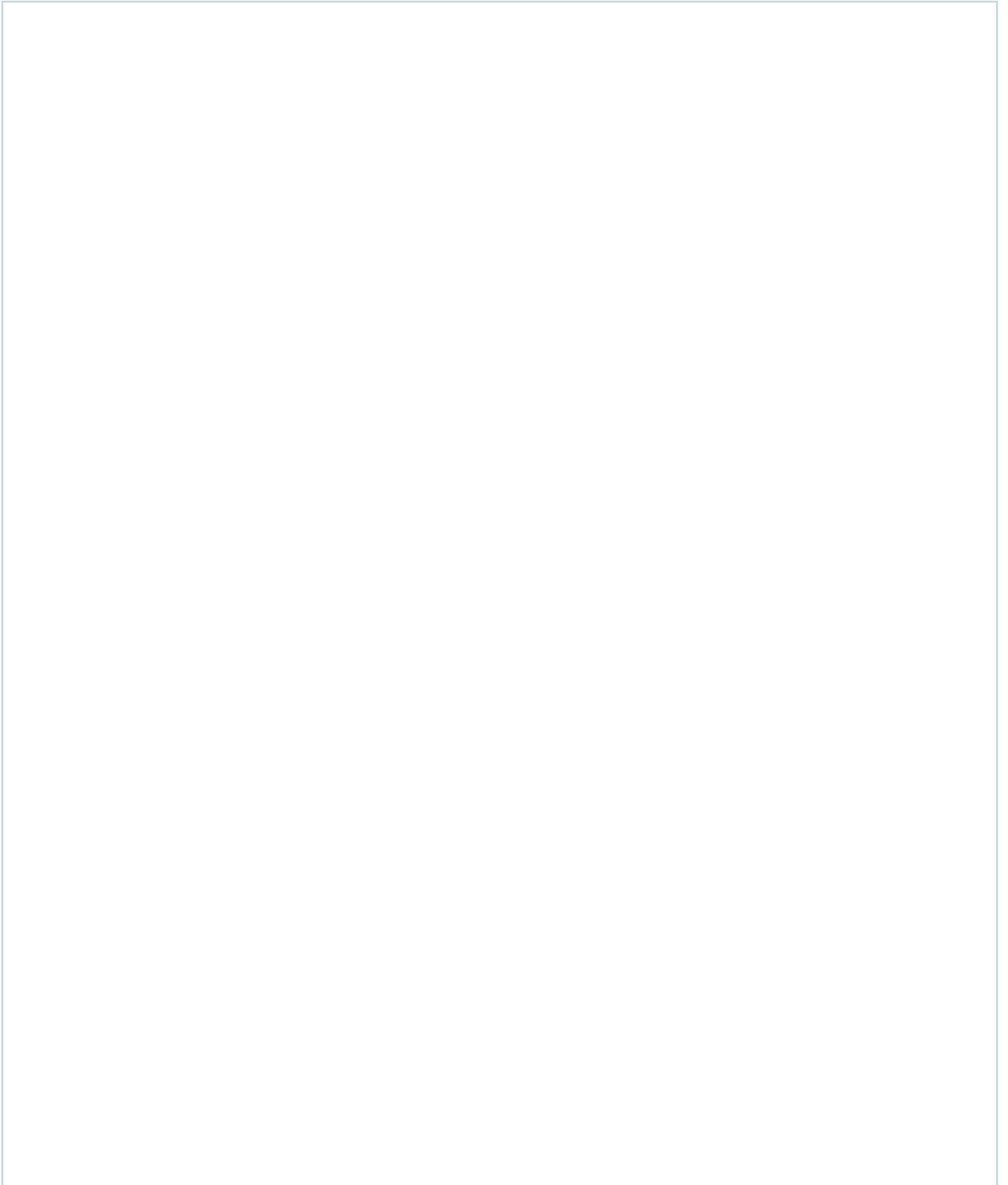
Notes



PRODUCT DATASHEET

PP158A5T

Patch Panel for Rapid Release U-Links 1-5/8" Line size



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REV : 01.0

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