



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

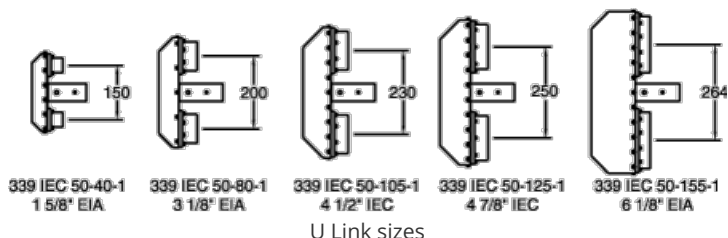
|  |     |            |
|--|-----|------------|
| Frequency Range                            | MHz | 470 - 860  |
| Return Loss                                | dB  | 30         |
| Power Rating                               | kW  | @ MHz      |
| Peak Voltage Rating                        | kV  | 4.7        |
| 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

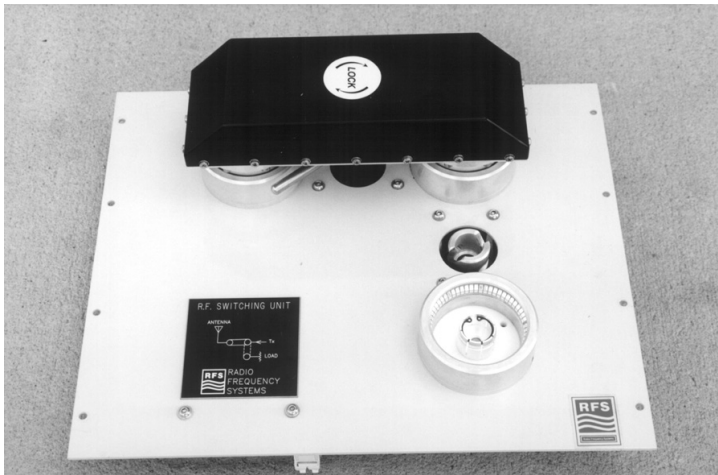
|                       |        |                      |
|-----------------------|--------|----------------------|
| Operation Temperature | °C(°F) | 0 to 40 (32 to 104 ) |
|-----------------------|--------|----------------------|



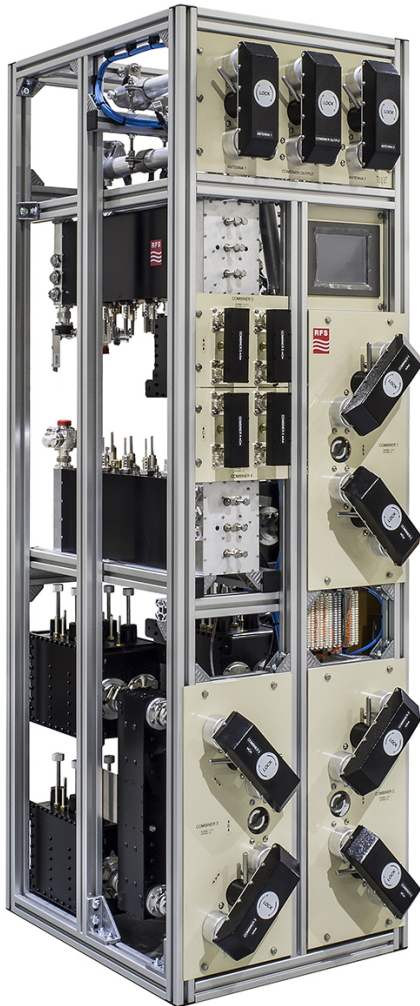


**PP158E5T**

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](#)

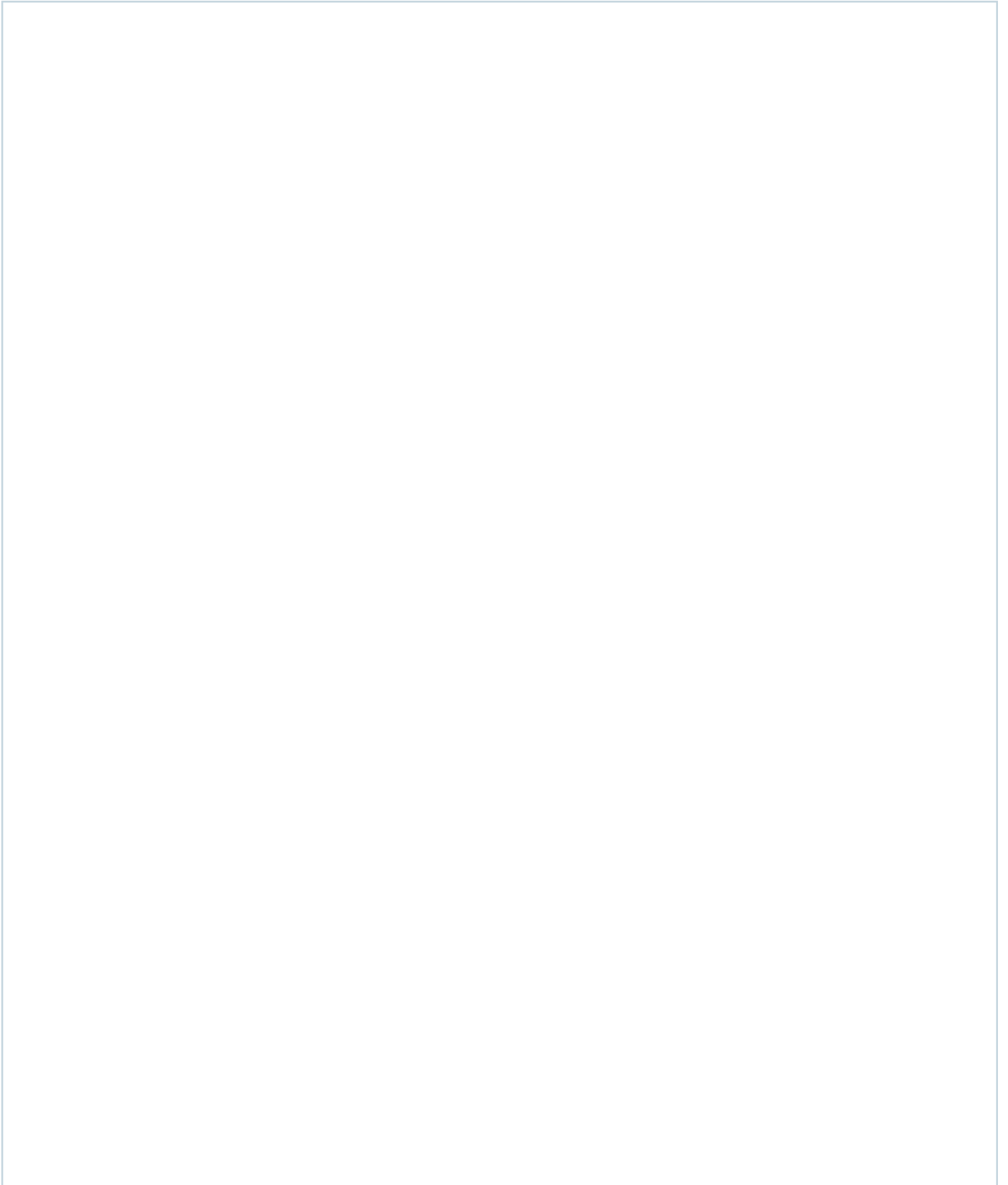
**Notes**



PRODUCT DATASHEET

**PP158E5T**

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



**PP158E5T**

REV : 01.0

REV DATE : 28 June 2017

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