



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

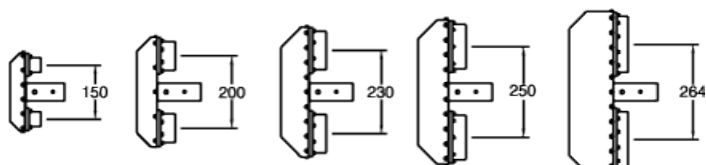
Frequency Range	MHz	44 - 70
Return Loss	dB	30
Power Rating Comment		Refer to Figure 2 Power Rating and Attenuation
Peak Voltage Rating	kV	4.7
Impedance, ohms	Ohm	50
Insertion Loss at Channel Centre Frequency	dB	-3 +/- 0.1

MECHANICAL SPECIFICATIONS

Coating		Painted
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TEMPERATURE SPECIFICATIONS

Operation Temperature	°C(°F)	0 to 40 (32 to 104)
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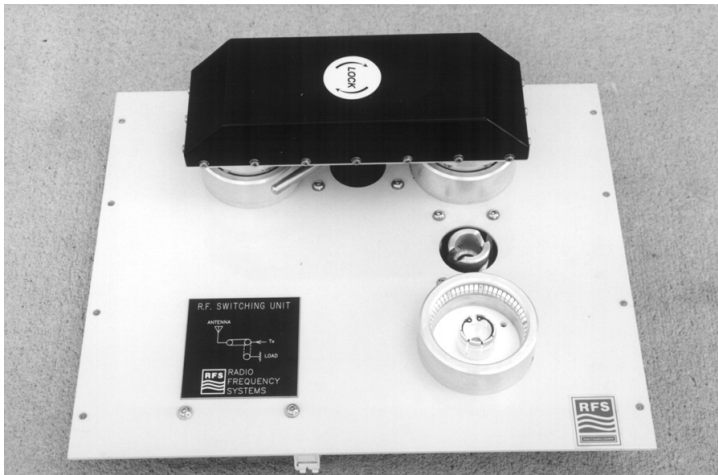
339 IEC 50-40-1 1 5/8" EIA 339 IEC 50-80-1 3 1/8" EIA 339 IEC 50-105-1 4 1/2" IEC 339 IEC 50-125-1 4 7/8" IEC 339 IEC 50-155-1 6 1/8" EIA

U Link sizes

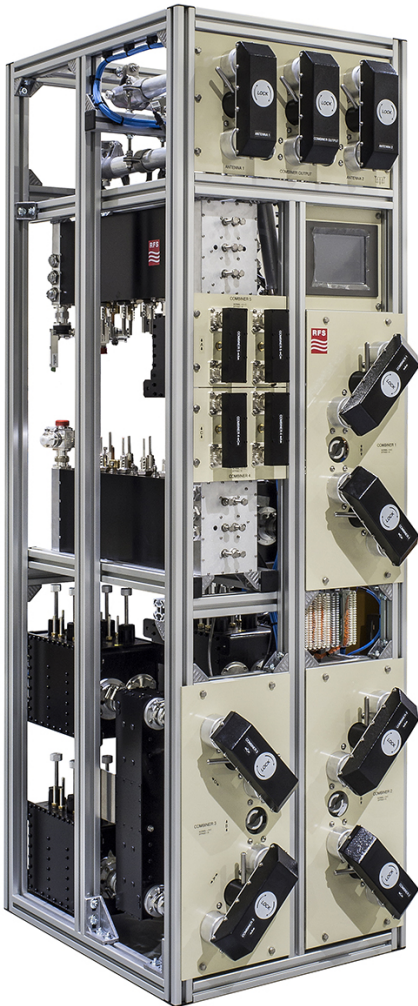


PP158A5T

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](#)

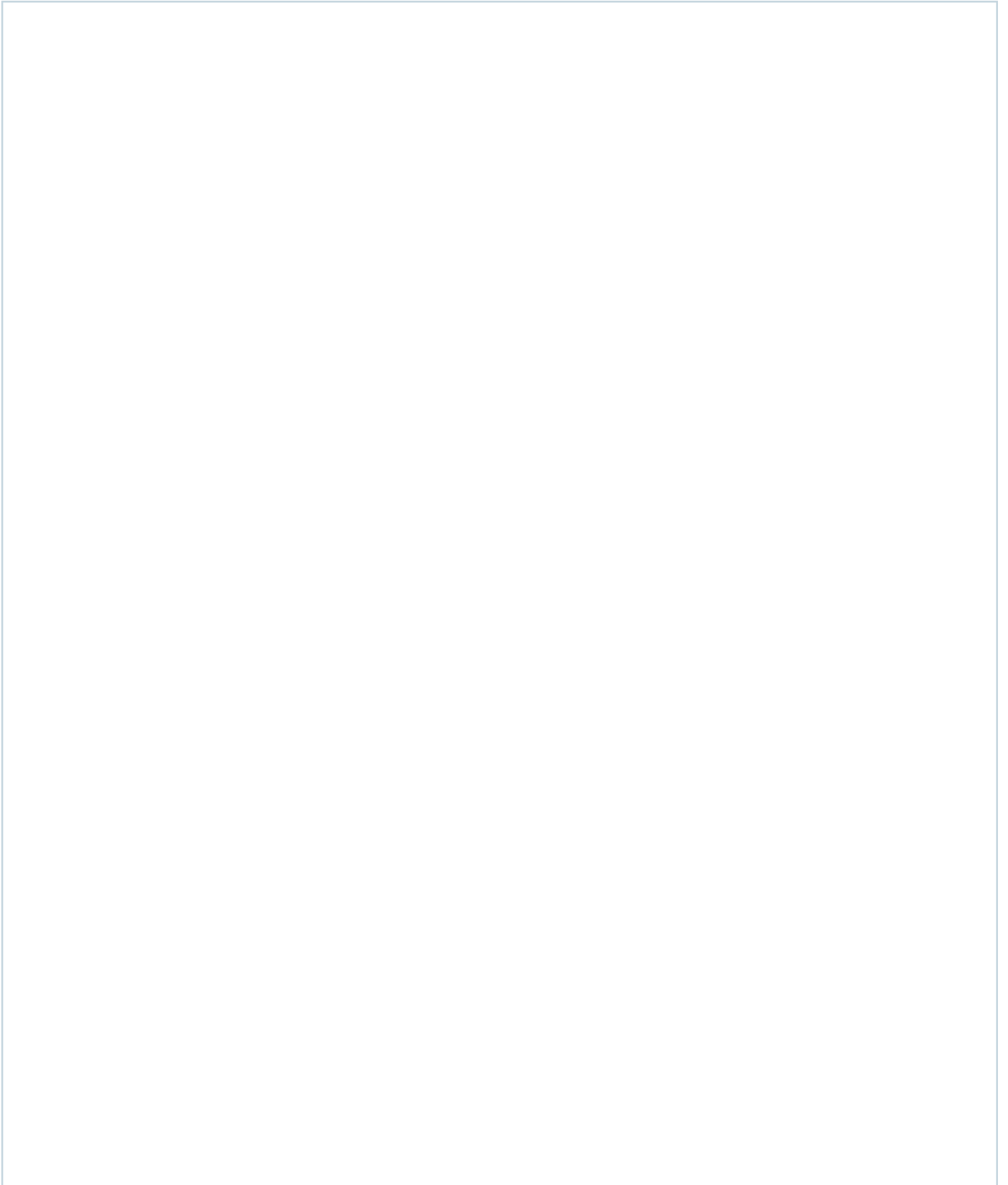
Notes



PRODUCT DATASHEET

PP158A5T

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



PP158A5T

REV : 01.0

REV DATE : 28 Jun 2017

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