PRODUCT DATASHEET

PDS6-43-694/3800

6 Way Power Divider

RFS Technologies PDS*-43 series Power Splitters have been designed for a variety of wireless applications in the frequency band from 694 to 3800MHz. The units evenly split and distribute wireless signals with minimal reflections or loss. The broad frequency range and outstanding PIM rating is ideally suited for multi-band distributed antenna systems or in combination with RADIAFLEX® radiating cables.



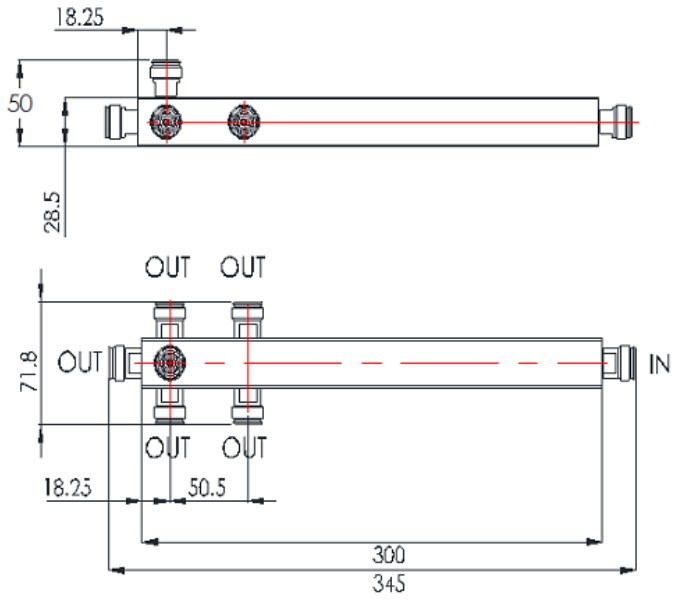
FEATURES / BENEFITS

- **4.3-10-female interfaces**
- **PIM optimized design (160dBc @ 2x43dBm)**
- **Ideal for all kind of DAS applications**
- **Low insertion loss**
- **High power handling**
- **Small size, Low weight**

Technical features

STRUCTURE		
Product Type		Power Divider
Techn. Application		Indoor
Number of Input Ports		1
Number of Output Ports		6
Connectors		4.3-10-female
ELECTRICAL SPECIFICATIONS		
Frequency Range	MHz	694 - 3800
Impedance	Ohm	50
Max. VSWR / RL	VSWR/dB	1.4 (15.5) @ - GHz
Split Loss	dB	8.6
Intermodulation (IM3)		-160 dBc with 2x43 dBm tones
Total Input Power	W	400
TEMPERATURE SPECIFICATIONS		
Temperature Range	°C (°F)	-25 to +65 (-13 to +149)
MECHANICAL SPECIFICATIONS		
Height (Less Connectors)	mm (in)	50 (1.97)
Width (Less Connectors)	mm (in)	71.8 (2.83)
Length (Less Connectors)	mm (in)	345 (13.58)
TESTING AND ENVIRONMENTAL		
Environmental Class		Indoor

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering



External Document Links

Notes
Mounting hardware not included

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