

RFS PDS*-43-617/3800-ECO series Power Splitters have been designed for a variety of wireless applications in the frequency band from 617 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

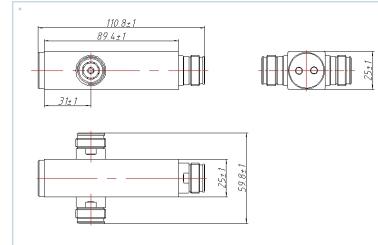
STRUCTURE

Product Type		Power Divider
Techn. Application		Indoor
Number of Input Ports		1
Number of Output Ports		2
Connectors		4.3-10 female
ELECTRICAL SPECIFICATIONS		
Frequency Range	MHz	617 - 3800
Impedance	Ohm	50
Max. Insertion Loss	dB	0.2
Max. VSWR / Return Loss, dB	VSWR/dB	1.25 /
Split Loss	dB	3
Max Rippel	dB	0.3
Intermodulation (IM3)		-160dBc (2x43dBm)
Total Input Power	W	400
TEMPERATURE SPECIFICATIONS		
Temperature Range	°C (°F)	-25 to +65 (-13 to +149)
MECHANICAL SPECIFICATIONS		
Height (Less Connectors)	mm (in)	25 (0.984)
Width (Less Connectors)	mm (in)	59.8 (2.354)
Length (Less Connectors)	mm (in)	110.8 (4.362)
Weight	kg (lb)	0.22 ()
TESTING AND ENVIRONMENTAL		
Environmental Class		IP65

PDS2-43-617/3800-ECO

REV : B





External Document Links

Notes

• Mounting Hardware not included