

This PDS*E series are Power Splitters, designed to evenly split high power cellular signals with minimal reflections or loss. They are specified to cover 698- 3800 MHz.

The wide frequency ranges of these models allow use with multiband antennas and leaky cable systems. With few solder joints and an air dielectric, the loss is minimal and reliability enhanced.

FEATURES / BENEFITS

- · Multiple-Band Frequency Ranges
- 200 Watt Power Rating
- · High Reliability
- · Low Cost Design for Outdoor Application
- · Low Specified PIM
- N-female Connectors

Technical features

STRUCTURE

Product Type	Power Divider			
Techn. Application	Indoor			
Number of Input Ports	1			
Number of Output Ports	4			
Connectors	N-female			

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ELECTRICAL SPECIFICATIONS

Frequency Range	MHz	694 - 3800
Impedance	Ohm	50
Max. VSWR / Return Loss, dB	VSWR/dB	1.25 / 19.1
Split Loss	dB	6.4
Max Rippel	dB	0.3
Intermodulation (IM3)		-155 dBc with 2x43 dBm tones
Total Input Power	W	200

TEMPERATURE SPECIFICATIONS

Temperature Range	°C (°F)	-25 to +65 (-13 to +149)
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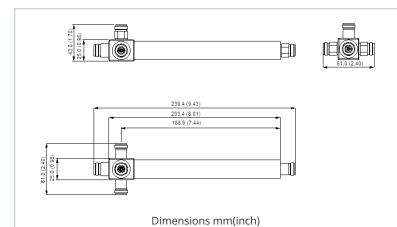
MECHANICAL SPECIFICATIONS

Height (Less Connectors)	mm (in)	25 (0.98)
Width (Less Connectors)	mm (in)	25 (0.98)
Length (Less Connectors)	mm (in)	203.4 (8.01)

TESTING AND ENVIRONMENTAL

PDS4E-694/3800 REV : P2 REV DATE : 14 Apr 2022 **www.rfsworld.com**





External Document Links

Notes

Mounting Hardware not included

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