PRODUCT DATASHEET

PDS4DE-694/3800

4 Way Power Divider

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 694- 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.



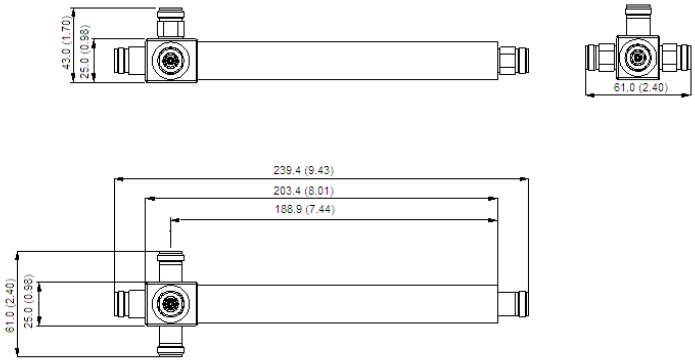
FEATURES / BENEFITS

- **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		716-female
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)
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		
Environmental Class		IP65

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



Dimensions mm(inch)

External Document Links

Notes

- Mounting Hardware not included

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