



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



PDS6E-694/3800

**Technical features****STRUCTURE**

Product Type		Power Divider
Techn. Application		Indoor
Number of Input Ports		1
Number of Output Ports		6
Connectors		N-female

**ELECTRICAL SPECIFICATIONS**

Frequency Range	MHz	694 - 3800
Impedance	Ohm	50
Max. VSWR / Return Loss, dB	VSWR/dB	1.4 / 15.5
Split Loss	dB	8.6
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**

Environmental Class		IP65
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**External Document Links****Notes**

- Mounting Hardware not included