

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**



Product Type	Power Divider
Techn. Application	Indoor
Number of Input Ports	1
Number of Output Ports	2
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	3.3
Max Rippel	dB	0.3
Intermodulation (IM3)		-155 dBc with 2x43 dBm tones
Total Input Power	W	200

## **TEMPERATURE SPECIFICATIONS**

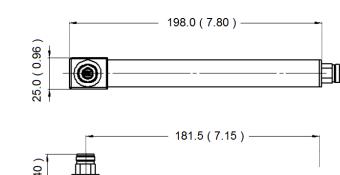
Temperature Range	°C (°F)	-25 to +65 (-13 to +149)
MECHANICAL SPECIFICATIONS		

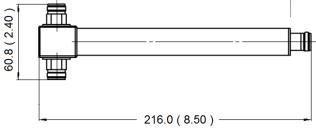
Height (Less Connectors)	mm (in)	25 (0.98)
Width (Less Connectors)	mm (in)	25 (0.98)
Length (Less Connectors)	mm (in)	198 (7.8)

## **TESTING AND ENVIRONMENTAL**

Environmental Class IP65
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PDS2DE-694/3800 REV : P1 REV DATE : 04 Nov 2019 www.rfstechnologies.com





Dimensions mm(inch)

## **External Document Links**

### Notes

• Mounting Hardware not included

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