



This PDS\*DE series are Power Splitters, designed to evenly split high power cellular signals with minimal reflections or loss. They are specified to cover 380- 2700 MHz. The wide frequency range allows to use these splitters for multiband wireless Distributed Antenna Systems (DAS) or in combination with RADIAFLEX® radiating cable products. With few solder joints and an air dielectric, the loss is minimal and reliability enhanced.



The example image shown a 2 Way Power Divider

**FEATURES / BENEFITS**

- **Multiple-Band Frequency Ranges**
- **500 Watt Power Rating**
- **High Reliability**
- **Low Cost Design for ease of mounting**
- **7-16 DIN-female Connectors**

**Technical features**

**STRUCTURE**

Product Type		Power Divider
Techn. Application		Indoor
Number of Input Ports		1
Number of Output Ports		2
Connectors		7-16 female

**ELECTRICAL SPECIFICATIONS**

Frequency Range	MHz	380 - 2700
Impedance	Ohm	50
Max. Insertion Loss	dB	3.4
Max. VSWR / Return Loss, dB	VSWR/dB	1.3 / 17.7
Intermodulation (IM3)		-150 dBc with 2x43 dBm tones
Total Input Power	W	500
RF Peak Power	kW	1000

**TEMPERATURE SPECIFICATIONS**

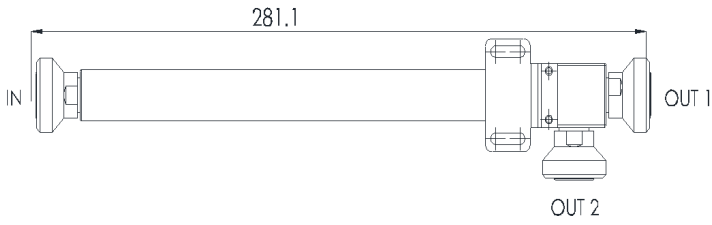
Temperature Range	°C (°F)	-25 to +65 (-13 to +149)
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**MECHANICAL SPECIFICATIONS**

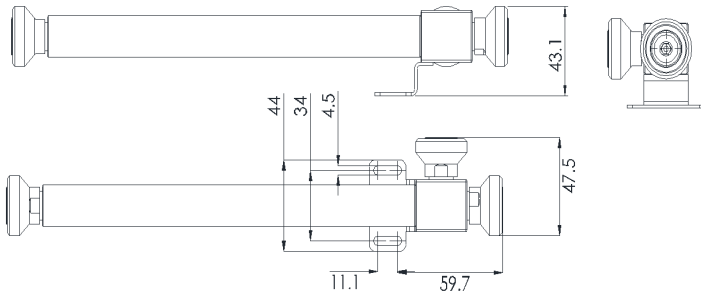
Height (Less Connectors)	mm (in)	43.1 (1.7)
Width (Less Connectors)	mm (in)	47.5 (1.87)
Length (Less Connectors)	mm (in)	281.1 (11.07)
Weight	kg (lb)	0.35 (0.772)

**TESTING AND ENVIRONMENTAL**

Environmental Class		IP65
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Dimensions in mm



External Document Links

Notes