

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.



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

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Product Type	Power Divider
Techn. Application	Indoor
Number of Input Ports	1
Number of Output Ports	4
Connectors	7-16 female

ELECTRICAL SPECIFICATIONS

Frequency Range	MHz	380 - 2700
Impedance	Ohm	50
Max. Insertion Loss	dB	6.5
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)

MECHANICAL SPECIFICATIONS

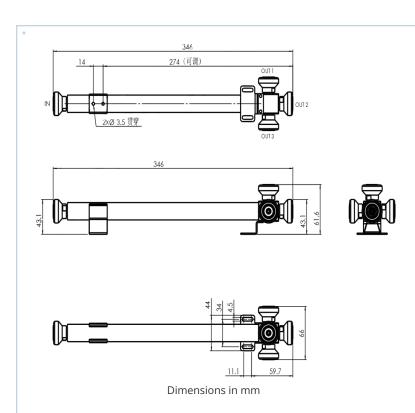
Height (Less Connectors)	mm (in)	61.6 (2.43)
Width (Less Connectors)	mm (in)	66 (2.6)
Length (Less Connectors)	mm (in)	346 (13.6)

TESTING AND ENVIRONMENTAL

	Environmental Class	IP65	
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PDS4DE-380/2700-01 REV: F REV DATE: 04 Oct 2024 www.rfstechnologies.com





External Document Links

Notes

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