



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 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.



PDS4E-380/2700-01

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		N-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	200
RF Peak Power	kW	1000

TEMPERATURE SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

Height (Less Connectors)	mm (in)	59.1 (2.33)
Width (Less Connectors)	mm (in)	61 (2.4)
Length (Less Connectors)	mm (in)	341 (13.43)

TESTING AND ENVIRONMENTAL

Environmental Class		IP65
---------------------	--	------

[External Document Links](#)

[Notes](#)