PRODUCT DATASHEET

PDS3E-380/2700-01

3 Way Power Divider

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.



PDS3E-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		3
Connectors		N-female
ELECTRICAL SPECIFICATIONS		
Frequency Range	MHz	380 - 2700
Impedance	Ohm	50
Max. Insertion Loss	dB	5.2
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)	41.1 (1.62)
Width (Less Connectors)	mm (in)	61 (2.4)
Length (Less Connectors)	mm (in)	323.9 (12.75)
TESTING AND ENVIRONMENTAL		
Environmental Class		IP65

External Document Links

Notes

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering