RADIO FREQUENCY SYSTEMS
The Clear Choice®

2 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 700 - 2700 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.

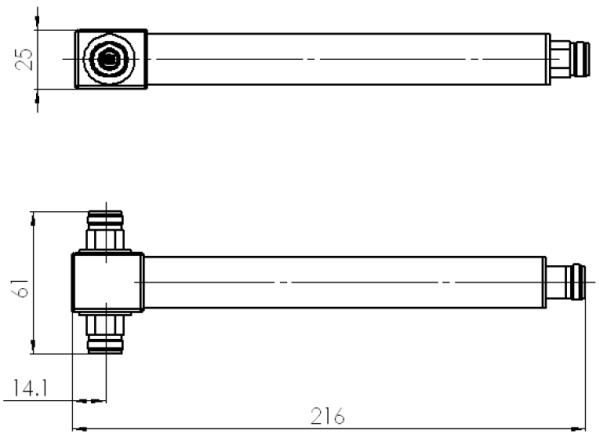
PDS2E-700/2700

FEATURES / BENEFITS

- Multiple-Band Frequency Ranges
- 200 Watt Power Rating
- High Reliability
- Low Cost Design for ease of mounting
- N-female Connectors

Technical Features

STRUCTURE		
Product Type		Power Divider
Techn. Application		Indoor/Outdoor
Number of Input Ports		1
Number of Output Ports		2
Connectors		N-female
ELECTRICAL SPECIFICATIONS		
Frequency Range	MHz	700 - 2700
Impedance	Ohm	50
Max. VSWR / Return Loss	VSWR/dB	1.25 / 19.1
Split Loss	dB	3.3
Max Rippel	dB	0.3
Intermodulation (IM3)		-140 dBc with 2x43 dBm tones
Total Input Power	W	200.0
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)	61 (2.4)
Length (Less Connectors)	mm (in)	216 (8.5)
Weight	kg (lb)	0.237 (0.52)
TESTING AND ENVIRONMENTAL		
Environmental Class		IP65



Dimensions mm(inch)

All information contained in the present datasheet is subject to confirmation at time of ordering

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External Document Links	Notes

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