



RFS PDS\*-43 series Power Splitters have been designed for a variety of wireless applications in the frequency band from 555 to 6000MHz. The units evenly split and distribute wireless signals with minimal reflections or loss. The broad frequency range and outstanding PIM rating is ideally suited for multi-band distributed antenna systems or in combination with RADIAFLEX® radiating cables.



PDS2-43-555/6000

**FEATURES / BENEFITS**

- 4.3-10-female interfaces
- PIM optimized design (160dBc @ 2x43dBm)
- Ideal for all kind of DAS applications
- Low insertion loss
- High power handling
- Small size, Low weight

**Technical features**

**STRUCTURE**

Product Type		Power Divider
Techn. Application		Indoor
Number of Input Ports		1
Number of Output Ports		2
Connectors		4.3-10 female

**ELECTRICAL SPECIFICATIONS**

Frequency Range	MHz	555 - 6000
Impedance	Ohm	50
Max. VSWR / Return Loss, dB	VSWR/dB	1.3 / 17.7
Split Loss	dB	3
Max Ripple	dB	0.3
Intermodulation (IM3)		-160dBc (2x43dBm)
Total Input Power	W	300

**TEMPERATURE SPECIFICATIONS**

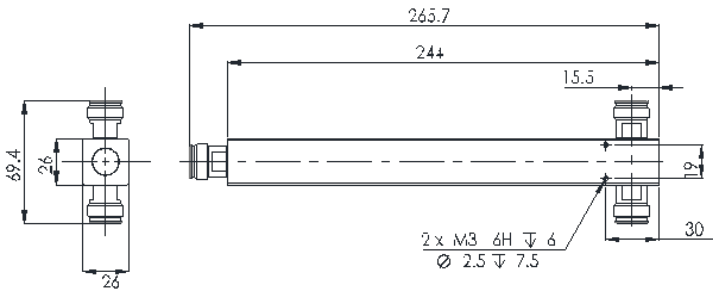
Temperature Range	°C (°F)	-25 to +65 (-13 to +149)
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**MECHANICAL SPECIFICATIONS**

Height (Less Connectors)	mm (in)	26 (1.02)
Width (Less Connectors)	mm (in)	69.4 (2.73)
Length (Less Connectors)	mm (in)	265.7 (10.5)
Weight	kg (lb)	0.55 (1.21)

**TESTING AND ENVIRONMENTAL**

Environmental Class		IP65
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PDS2-43-555\_6000\_Drawing

External Document Links

[Link to VEX Zip file](#)

Notes

- Mounting Hardware not included