



3 Way Power Divider

RFS PDS*-43 series Power Splitters have been designed for a variety of wireless applications in the frequency band from 694 to 3800MHz. 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.



PDS3-43-694/3800

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/Outdoor
Number of Input Ports		1
Number of Output Ports		3
Connectors		4.3-10 female

ELECTRICAL SPECIFICATIONS

Frequency Range	MHz	694 - 3800
Impedance	Ohm	50
Max. VSWR / Return Loss	VSWR/dB	1.25 / 19.1
Split Loss	dB	5.1
Max Ripple	dB	0.4
Intermodulation (IM3)		-160dBc (2x43dBm)
Total Input Power	W	200.0

TEMPERATURE SPECIFICATIONS

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

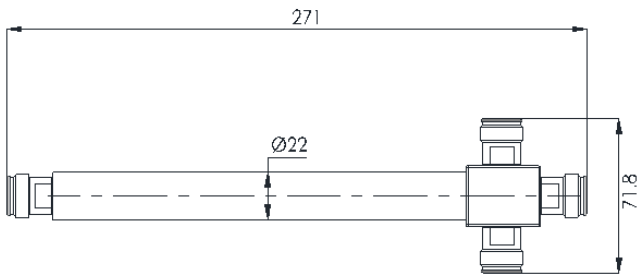
Height (Less Connectors)	mm (in)	28.5 (1.12)
Width (Less Connectors)	mm (in)	71.8 (2.83)
Length (Less Connectors)	mm (in)	271 (10.67)
Weight	kg (lb)	0.36 (0.79)

TESTING AND ENVIRONMENTAL

Environmental Class		IP65
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External Document Links

Notes

Mounting Hardware not included