



PDS4-43-617/3800-ECO

4 Way Power Divider



RFS PDS*-43-617/3800-ECO series Power Splitters have been designed for a variety of wireless applications in the frequency band from 617 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.

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
Number of Input Ports	1
Number of Output Ports	4
Connectors	4.3-10 female

ELECTRICAL SPECIFICATIONS

Frequency Range	617 - 3800 MHz
Impedance	50 Ω
Max. Insertion Loss	0.2 dB
Max. VSWR / Return Loss	1.3 / 17.7
Split Loss	6 dB
Intermodulation (IM3)	-160dBc (2x43dBm)
Total Input Power	400 W

TEMPERATURE SPECIFICATIONS

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

Height (Less Connectors)	59.8mm (2.354in)
Width (Less Connectors)	59.8mm (2.354in)
Length (Less Connectors)	121.8mm (4.795in)
Weight	0.28kg (0.617lb)

TESTING AND ENVIRONMENTAL

Environmental Class	IP65
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