



PDS3-43-350/2700-01

3 Way Power Divider



Technical Features

PRODUCT DESCRIPTION

RFS PDS*-43 series Power Splitters have been designed for a variety of wireless applications in the frequency band from 350 to 2700 MHz. 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

- Broadband 350-2700MHz**
- 4.3-10-female interfaces
- PIM optimized design (163dBc @ 2x43dBm)
- Ideal for all kind of DAS applications
- Low insertion loss
- High power handling
- Small size, low weight

TECHNICAL FEATURES

Electrical Specifications

Frequency Range	MHz	350-2700
Input Power	W	300
PIM 3rd @2*43 dBm	dBc	160
Input Impedance	Ohm	50
Max. VSWR / Return Loss	VSWR / dB	1.3 / 17.7

Mechanical Specifications

Connectors		4.3-10 Female
Temperature Range	°C	-25 to +65
IP Level		IP65
RoHS		Compliant

Model Number Specifications

Model Number		PDS2-43-350/2700-01	PDS3-43-350/2700-01	PDS4-43-350/2700-01
Number of Input Ports			1	
Number of Output Ports		2	3	4
Split Loss	dB	3,3	5,2	6,5
Dimensions, L*W*H	mm	168*66*25	188*66*45	252*66*45
Net Weight, ±10%	kg	0.37	0.44	0.52

External Document Links

Notes