

Power Splitter



700 – 2700 MHz | -160 dBc | 300 W | IP66-IP67 | 4.3-10 Female

PS-7027-xx-160-43F

- ◆ Low PIM Reactive High Power Splitter/Divider, 698-2700 MHz
- ◆ PIM optimized design (160dBc @ 2x43dBm)
- ◆ Average max. power of 300 W
- ◆ Protection level IP66 (IP67 optional)
- ◆ Splitter style: symmetrical
- ◆ Connectors configurations of 4.3-10 Female
- ◆ Wall / mast mounting kit

Description of Product

2-Way Splitter, 700-2700 MHz
 3-Way Splitter, 700-2700 MHz
 4-Way Splitter, 700-2700 MHz

Model Number

PS-7027-02-160-43F
 PS-7027-03-160-43F
 PS-7027-04-160-43F

Electrical Specifications

Part Number	PS-7027-02-160-43F	PS-7027-03-160-43F	PS-7027-04-160-43F
Operating Frequency Band	698 – 2700 MHz		
Splitting ratio	1/2	1/3	1/4
Split Loss	3.0 dB	4.8 dB	6.0 dB
Insertion Loss	≤ 0.3 dB	≤ 0.4 dB	≤ 0.5 dB
VSWR, max.	1.25		
PIM3 (@2x43 dBm)	-160 dBc		
Power Rating	300 W		
Peak Power, max.	1500 W		
Impedance	50 Ω		

Mechanical Specifications

Dimensions, H x W x D (Less Connectors)	158.6 x 25 x 25 mm	186.4 x 25 x 25 mm	186.4 x 25 x 25 mm
Weight (including connectors and mounting bracket)	0.21 kg	0.23 kg	0.25 kg
Packing Size	200 x 75 x 40 mm	230 x 75 x 40 mm	230 x 75 x 60 mm
Connector Type	4.3-10 female		
Coupling Nut Proof Torque	4.5 Nm		
Color	Light Gray (Customizable)		
Mounting	Wall Mounted		

Environmental Specifications

Operational Temperature	-40 °C to +65 °C
Operational Humidity	≤ 95 %
Ingress Protection Class	IP66 (IP67 optional)

Accessories (order separately)

Part Number	Description
31515.1137151	Bracket

