

Power Splitter



790-2700 MHz | -160 dBc | 300 W | IP66-IP67 | N-Female

PS-7927-xx-160-NF

- ◆ Low PIM Reactive High Power Splitter/Divider, 790-2700 MHz
- ◆ PIM optimized design (160dBc @ 2x43dBm)
- ◆ Average max. power of 300 W
- ◆ Protection level IP66 (IP67 optional)
- ◆ Splitter style: symmetrical
- ◆ Connectors configurations N-female
- ◆ Wall / mast mounting kit

Description of Product

2-Way Splitter, 790-2700 MHz
 3-Way Splitter, 790-2700 MHz
 4-Way Splitter, 790-2700 MHz

Model Number

PS-7927-02-160-NF
 PS-7927-03-160-NF
 PS-7927-04-160-NF

Electrical Specifications

Part Number	PS-7927-02-160-NF	PS-7927-03-160-NF	PS-7927-04-160-NF
Operating Frequency Band	790 – 2700 MHz		
Splitting ratio	1/2	1/3	1/4
Split Loss	3.0 dB	4.8 dB	6.0 dB
Insertion Loss	$\leq 0.2 \pm 0.1$ dB	$\leq 0.25 \pm 0.1$ dB	$\leq 0.3 \pm 0.1$ dB
VSWR, max.	1.25		
PIM3 (@2x43 dBm)	-160 dBc		
Power Rating	300 W		
Peak Power, max.	800 W		
Impedance	50 Ω		

Mechanical Specifications

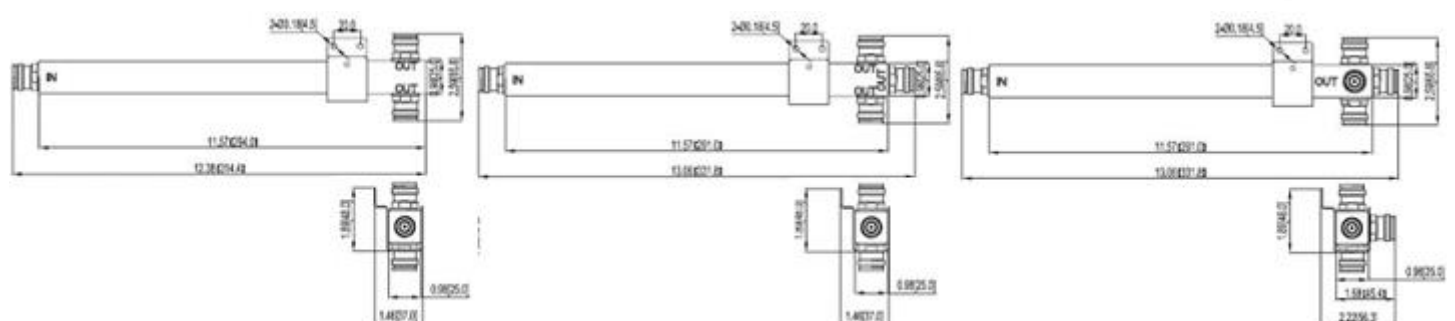
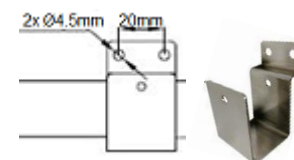
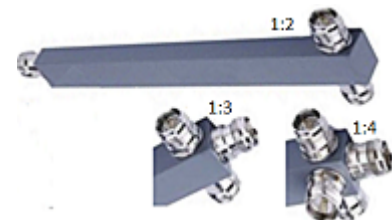
Dimensions, H x W x D (Less Connectors)	294 x 25 x 25 mm	291 x 25 x 25 mm	291 x 25 x 25 mm
Weight (including connectors and mounting bracket)	0.51 kg	0.55 kg	0.57 kg
Packing Size	340 x 75 x 40 mm	375 x 75 x 40 mm	375 x 75 x 60 mm
Connector Type	N-female		
Color	Light Gray (Customizable)		
Mounting	Wall 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
31515.1143151	Bracket
51511.13331122	Screw



Pictures are shown for connectors 4.3-10