

# Power Splitter



790-2700 MHz | -160 dBc | 300 W | IP66-IP67 | 7-16 Female

PS-7927-xx-160-716F

- ◆ Low PIM Reactive High Power Splitter, 790-2700 MHz
- ◆ PIM optimized design (160dBc @ 2x43dBm)
- ◆ Protection level IP66 (IP67 optional)
- ◆ Splitter style: symmetrical
- ◆ 7-16 female Connectors
- ◆ Wall / mast mounting kit
- ◆ Suitable for indoor and outdoor applications

Description of Product	Model Number
2-Way Splitter, 790-2700 MHz	PS-7927-02-160-716F
3-Way Splitter, 790-2700 MHz	PS-7927-03-160-716F
4-Way Splitter, 790-2700 MHz	PS-7927-04-160-716F

## Technical Data

### Electrical Specifications

Part Number	PS-7927-02-160-716F	PS-7927-03-160-716F	PS-7927-04-160-716F
Frequency Range	790 – 2700 MHz		
Splitting ratio	1/2	1/3	1/4
Split Loss	3.0 dB	4.8 dB	6.0 dB
Insertion Loss	≤ 0.20 ± 0.1 dB	≤ 0.25 ± 0.1 dB	≤ 0.3 ± 0.1 dB
VSWR, max.	1.25		
PIM3 (@2x43 dBm Carrier)	-160 dBc		
Power Rating	300 W		
Peak Power, max.	2000 W		
Impedance	50 Ω		

### Mechanical Specifications

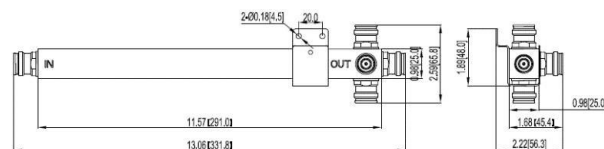
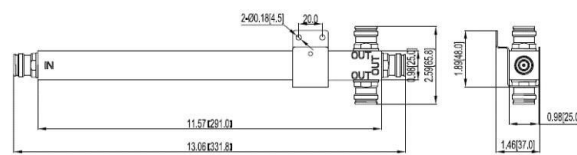
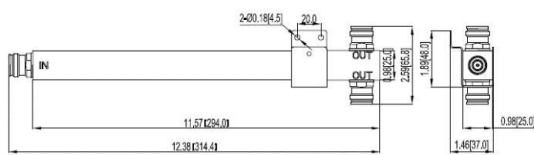
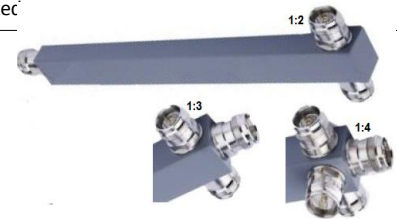
Dimensions, H x W x D (excluding connectors and mounting bracket)	294 x 25 x 25 mm	291 x 25 x 25 mm	291 x 25 x 25 mm
Weight (including connectors and mounting bracket)	0.57 kg	0.61 kg	0.63 kg
Packing Size	340 x 75 x 40mm	375 x 75 x 40mm	375 x 75 x 60 mm
Connector Type	7-16 Female		
Color	Light Gray (Customizable)		
Mounting	Wall Mountec		

### 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
501.0330100	Screw



Pictures are shown for connectors 4.3-10