

- ◆ Low PIM Reactive High Power Splitter/Divider, 340-2700 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, 340-2700 MHz  
 3-Way Splitter, 340-2700 MHz  
 4-Way Splitter, 340-2700 MHz

### Model Number

PS-3427-02-160-43F  
 PS-3427-03-160-43F  
 PS-3427-04-160-43F

## Electrical Specifications

Part Number	PS-3427-02-160-43F	PS-3427-03-160-43F	PS-3427-04-160-43F
Operating Frequency Band	340 – 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.	1500 W		
Impedance	50 $\Omega$		

## Mechanical Specifications

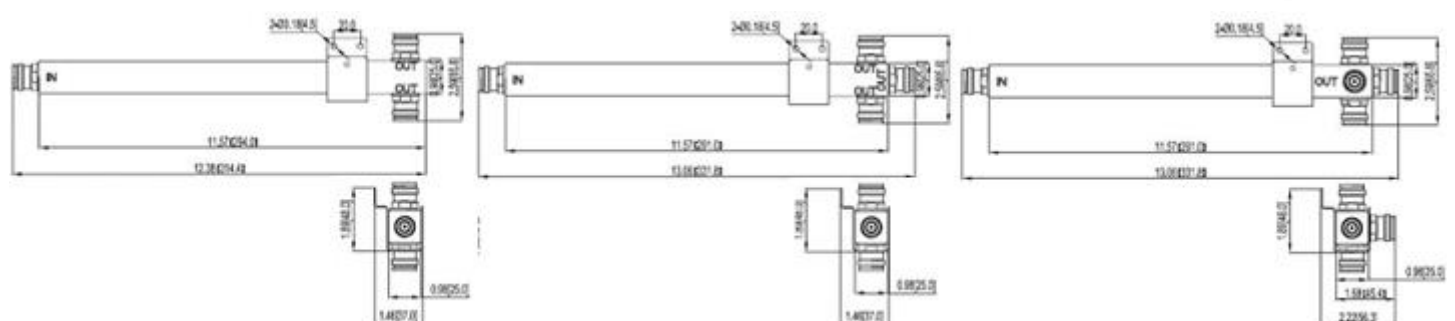
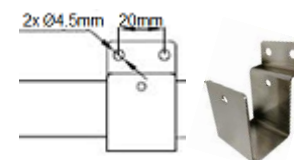
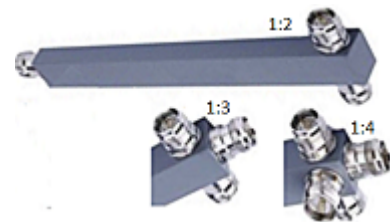
Dimensions, H x W x D (Less Connectors)	294 x 25 x 25 mm	291 x 25 x 25 mm	291 x 25 x 25 mm
Weight (including connectors and mounting bracket)	0.57 kg	0.61 kg	0.63 kg
Packing Size	340 x 75 x 40 mm	375 x 75 x 40 mm	375 x 75 x 60 mm
Connector Type	4.3-10 female		
Color	Light Gray (Customizable)		
Mounting	Wall Mounted		

## Environmental Specifications

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

## Accessories (order separately)

Part Number	Description
31515.1143151	Bracket



# Power Splitter



340-2700 MHz | -160 dBc | 300 W | IP66-IP67 | N-Female

PS-3427-xx-160-NF

- ◆ Low PIM Reactive High Power Splitter/Divider, 340-2700 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, 340-2700 MHz  
 3-Way Splitter, 340-2700 MHz  
 4-Way Splitter, 340-2700 MHz

### Model Number

PS-3427-02-160-NF  
 PS-3427-03-160-NF  
 PS-3427-04-160-NF

## Electrical Specifications

Part Number	PS-3427-02-160-NF	PS-3427-03-160-NF	PS-3427-04-160-NF
Operating Frequency Band	340 – 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 $\Omega$		

## Mechanical Specifications

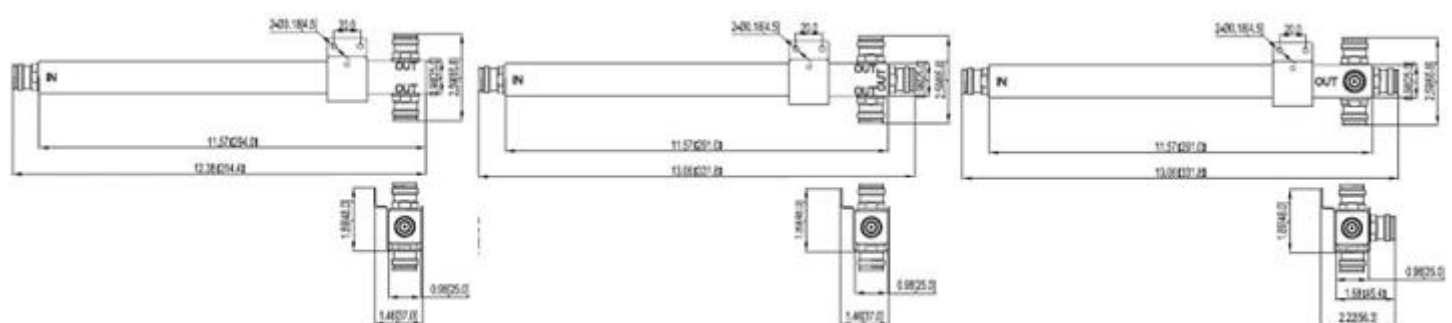
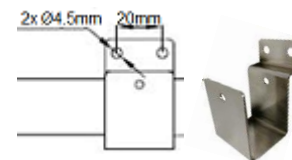
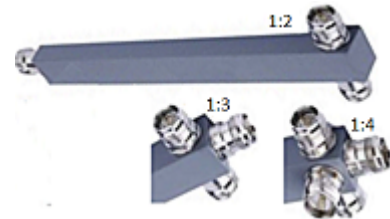
Dimensions, H x W x D (Less Connectors)	294 x 25 x 25 mm	291 x 25 x 25 mm	291 x 25 x 25 mm
Weight (including connectors and mounting bracket)	0.51 kg	0.55 kg	0.57 kg
Packing Size	340 x 75 x 40 mm	375 x 75 x 40 mm	375 x 75 x 60 mm
Connector Type	N-female		
Color	Light Gray (Customizable)		
Mounting	Wall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

## Environmental Specifications

Operational Temperature	-40 °C to +65 °C
Operational Humidity	$\leq 95$ %
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

# Power Splitter



340-2700 MHz | -160 dBc | 300 W | IP66-IP67 | 7-16 Female

PS-3427-xx-160-716F

- ◆ Low PIM Reactive High Power Splitter, 340-2700 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, 340-2700 MHz	PS-3427-02-160-716F
3-Way Splitter, 340-2700 MHz	PS-3427-03-160-716F
4-Way Splitter, 340-2700 MHz	PS-3427-04-160-716F

## Technical Data

### Electrical Specifications

Part Number	PS-3427-02-160-716F	PS-3427-03-160-716F	PS-3427-04-160-716F
Frequency Range	340 – 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

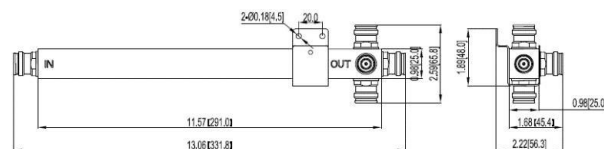
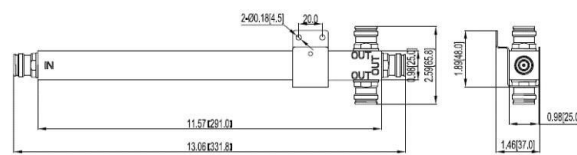
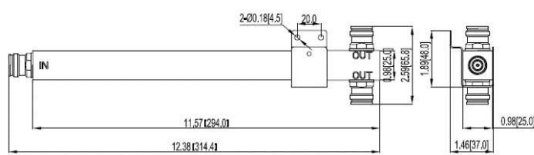
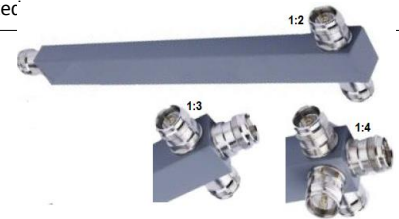
Dimensions, H x W x D (excluding connectors and mounting bracket)	294 x 25 x 25 mm	291 x 25 x 25 mm	291 x 25 x 25 mm
Weight (including connectors and mounting bracket)	0.57 kg	0.61 kg	0.63 kg
Packing Size	340 x 75 x 40mm	375 x 75 x 40mm	375 x 75 x 60 mm
Connector Type	7-16 Female		
Color	Light Gray (Customizable)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

- ◆ 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 of 4.3-10 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-7927-02-160-43F  
 PS-7927-03-160-43F  
 PS-7927-04-160-43F

## Electrical Specifications

Part Number	PS-7927-02-160-43F	PS-7927-03-160-43F	PS-7927-04-160-43F
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.	1500 W		
Impedance	50 $\Omega$		

## Mechanical Specifications

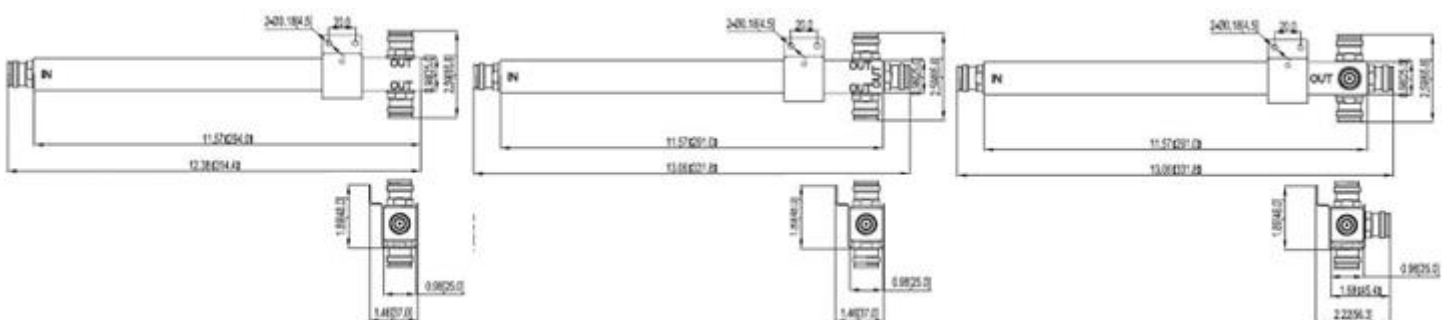
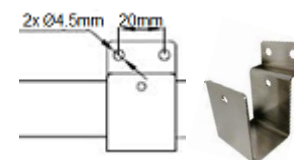
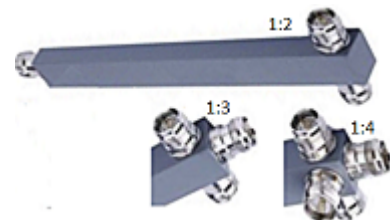
Dimensions, H x W x D (Less Connectors)	294 x 25 x 25 mm	291 x 25 x 25 mm	291 x 25 x 25 mm
Weight (including connectors and mounting bracket)	0.57 kg	0.61 kg	0.63 kg
Packing Size	340 x 75 x 40 mm	375 x 75 x 40 mm	375 x 75 x 60 mm
Connector Type	4.3-10 female		
Color	Light Gray (Customizable)		
Mounting	Wall Mounted		

## Environmental Specifications

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

## Accessories (order separately)

Part Number	Description
31515.1143151	Bracket



# 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 $\Omega$		

## Mechanical Specifications

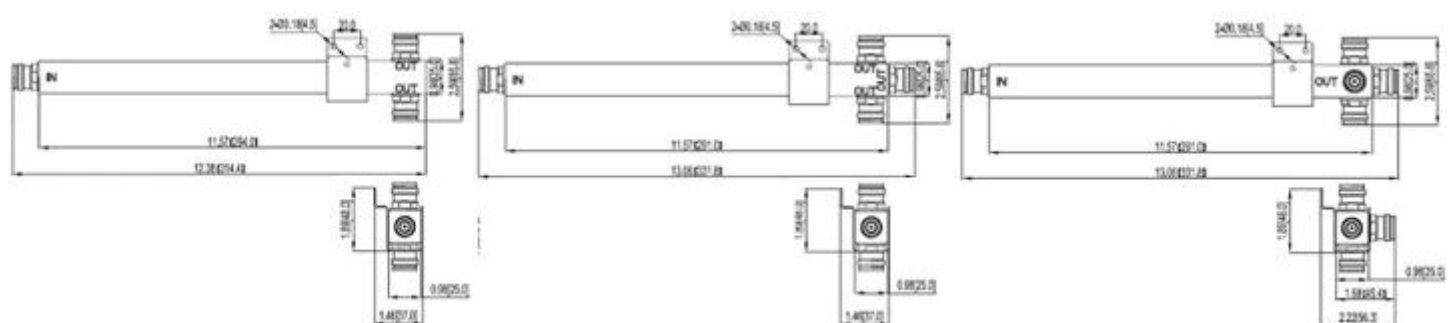
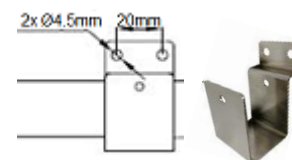
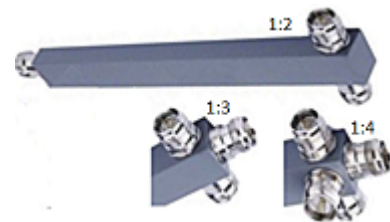
Dimensions, H x W x D (Less Connectors)	294 x 25 x 25 mm	291 x 25 x 25 mm	291 x 25 x 25 mm
Weight (including connectors and mounting bracket)	0.51 kg	0.55 kg	0.57 kg
Packing Size	340 x 75 x 40 mm	375 x 75 x 40 mm	375 x 75 x 60 mm
Connector Type	N-female		
Color	Light Gray (Customizable)		
Mounting	Wall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

## Environmental Specifications

Operational Temperature	-40 °C to +65 °C
Operational Humidity	$\leq 95$ %
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

# 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

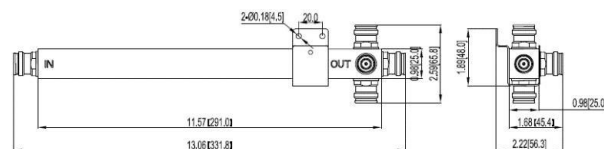
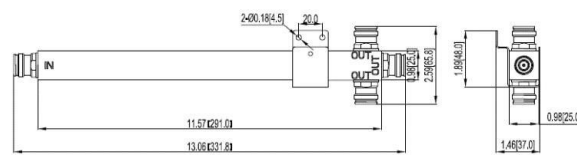
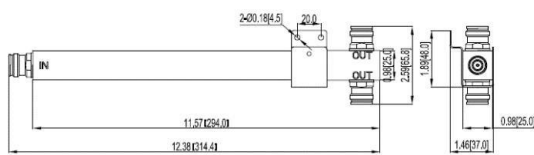
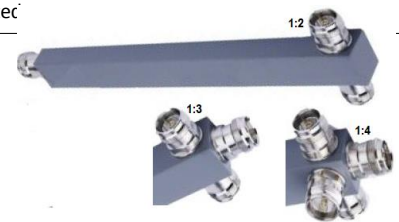
Dimensions, H x W x D (excluding connectors and mounting bracket)	294 x 25 x 25 mm	291 x 25 x 25 mm	291 x 25 x 25 mm
Weight (including connectors and mounting bracket)	0.57 kg	0.61 kg	0.63 kg
Packing Size	340 x 75 x 40mm	375 x 75 x 40mm	375 x 75 x 60 mm
Connector Type	7-16 Female		
Color	Light Gray (Customizable)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