# Components Low PIM Power Splitters

### Power Splitter (Frequency Range 380-2700 MHz)

4.3-10 Female, 7-16 DIN Female N Female

Low PIM

RFPS-2A-DF

VSWR:  $\leq 1.25$ 

Split Loss: 3dB

Average Power: 500w

3rd Intermodulation: ≤-155dBc@800Mhz,

2 Way Power Splitter

Insertion Loss: ≤ 0.22dB

7-16 DIN Female

Peak Power: 1.5Kw

IP67 Rated

- Low VSWR
- Multiple configurations
  - 50 Ohm impedance

- Peak power: 1.5Kw
- RoHS compliant

1800Mhz, 2100Mhz • 3rd Intermodulation test: Two +43dBm carriers

#### Low PIM 7-16 DIN Female Splitter









RFPS-2A-NF	2 Way Power Splitter N Female
VSWR: $\leq 1.25$	Insertion Loss: $\leq 0.22$ dB
Split Loss: 3dB	Peak Power: 1.5Kw
Average Power: 350w	IP67 Rated



RFPS-3A-NF	3 Way Power Splitter N Female
$VSWR: \le 1.25$	Insertion Loss: $\leq$ 0.3dB
Split Loss: 4.8dB	Peak Power: 1.5Kw
Average Power: 350w	IP67 Rated



RFPS-4A-NF	4 Way Power Splitter N Female
$\text{VSWR:} \leq 1.25$	Insertion Loss: $\leq$ 0.4dB
Split Loss: 6dB	Peak Power: 1.5Kw
Average Power: 350w	IP67 Rated

### Low PIM 4.3-10 Female Splitter



RFPS-2A-43F	2 Way Power Splitter 4.3-10 Female
VSWR: ≤ 1.25	Insertion Loss: $\leq 0.25$ dB
Split Loss: 3dB	Peak Power: 1.5Kw
Average Power: 500w	IP67 Rated



RFPS-3A-43F	3 Way Power Splitter 4.3-10 Female
$VSWR: \le 1.25$	Insertion Loss: $\leq$ 0.3dB
Split Loss: 4.8dB	Peak Power: 1.5Kw
Average Power: 500w	IP67 Rated

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RFPS-4A-43F	4 Way Power Splitter 4.3-10 Female
VSWR: $\leq 1.25$	Insertion Loss: $\leq$ 4dB
Split Loss: 6dB	Peak Power: 1.5Kw
Average Power: 500w	IP67 Rated

\*Specifications subject to change without notice.

# Components Low PIM Power Splitters

## Power Splitter (Frequency Range 698-2700 MHz)

4.3-10 Female, 7-16 DIN Female N Female

Low PIM

Split Loss: 3dB

RFPS-2C-NF

VSWR:  $\leq 1.20$ 

Split Loss: 3dB

RFPS-2C-43F

VSWR:  $\leq 1.20$ 

Split Loss: 3dB

Average Power: 500w

Average Power: 350w

Average Power: 500w

- 3rd Intermodulation: ≤-155dBc@800Mhz, 1800Mhz, 2100Mhz
- 3rd Intermodulation test: Two +43dBm carriers
- Low VSWR

RFPS-3C-NF

VSWR:  $\leq 1.20$ 

Split Loss: 4.8dB

RFPS-3C-43F

VSWR:  $\leq 1.25$ 

Split Loss: 4.8dB

Average Power: 500w

Average Power: 350w

Multiple configurations

- 50 Ohm impedance
- RoHS compliant

#### Low PIM 7-16 DIN Female Splitter

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RFPS-2C-DF	2 Way Power Splitter 7-16 DIN Female	RFPS
VSWR: $\leq 1.20$	Insertion Loss: $\leq 0.1$ dB	VSWR:

Peak Power: 3Kw IP67 Rated

2 Way Power Splitter

Insertion Loss:  $\leq 0.1$ dB

2 Way Power Splitter

Insertion Loss:  $\leq 0.2$ dB

Peak Power: 1.3Kw

IP67 Rated

4.3-10 Female

Peak Power: 1.5Kw

N Female

IP67 Rated

RFPS-3C-DF	3 Way Power Splitter 7-16 DIN Female
VSWR: $\leq 1.20$	Insertion Loss: $\leq 0.15$ dB
Split Loss: 4.8dB	Peak Power: 3Kw
Average Power: 500w	IP67 Rated



RFPS-4C-DF	4 Way Power Splitter 7-16 DIN Female
VSWR: ≤ 1.25	Insertion Loss: $\leq 0.25$ dB
Split Loss: 6dB	Peak Power: 3Kw
Average Power: 500w	IP67 Rated

#### Low PIM N Female Splitter



3 Way Power Splitter

Insertion Loss:  $\leq 0.15 dB$ 

3 Way Power Splitter

Insertion Loss:  $\leq 0.3$ dB

4.3-10 Female

Peak Power: 1.3Kw

IP67 Rated

Peak Power: 1.5Kw

N Female

IP67 Rated

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RFPS-4C-NF	4 Way Power Splitter N Female
VSWR: $\leq 1.25$	Insertion Loss: $\leq 0.2$ dB
Split Loss: 6dB	Peak Power: 1.5Kw
Average Power: 350w	IP67 Rated

#### Low PIM 4.3-10 Female Splitter



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RFPS-4C-43F	4 Way Power Splitter 4.3-10 Female
VSWR: $\leq 1.3$	Insertion Loss: $\leq 0.4$ dB
Split Loss: 6.4dB	Peak Power: 1.3Kw
Average Power: 500w	IP67 Rated

- Power Splitter (Frequency Range 698-2700 MHz) N Female
- Low PIM
- 3rd Intermodulation:  $\leq$ -155dBc@1900Mhz

### Low PIM N Female Splitter

RFPS-2-NF	2 Way Power Splitter N Female	
VSWR: $\leq 1.20$	Insertion Loss: $\leq 0.1$ dB	
Split Loss: 3dB	Peak Power: 1Kw	
Average Power: 300w	IP65 Rated	

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- Multiple configurations
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RFPS-3-NF	3 Way Power Splitter N Female
VSWR: $\leq 1.25$	Insertion Loss: $\leq 0.2$ dB
Split Loss: 4.8dB	Peak Power: 1Kw
Average Power: 300w	IP65 Rated

• 50 Ohm impedance

RoHS compliant



RFPS-4-NF	4 Way Power Splitter N Female
$\text{VSWR:} \leq 1.3$	Insertion Loss: $\leq$ 0.3dB
Split Loss: 6dB	Peak Power: 1Kw
Average Power: 300w	IP65 Rated

\*Specifications subject to change without notice.