

Technical Data Sheet

Power Splitter (Low PIM Model)

COSMOS RF – SPLITTER - 02 - NF - 150

2 Way Power Splitter, N-female, IP65, 300W, -150dBc

Frequency Range

800-2700MHz

Features

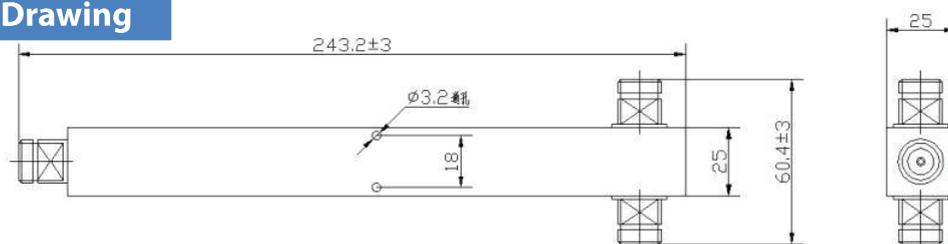
- ◆ Wide band Performance 800-2700MHz
- ◆ Low Passive Intermodulation
- ◆ Low VSWR & Insertion Loss
- ◆ Indoor & Outdoor Use
- ◆ Widely used in DAS & IBS solutions



Specification

Item	Specifications (Technical & Mechanical)
Model	WPS-627-02-NF-150
Frequency (MHz)	800-2700
Split Loss (dB)	3.0
Insertion Loss (dB)	≤3.3
VSWR	≤1.25
PIM3 (dBc)	≤-150dBc@2*43dBm
Power Capacity (W)	300
Impedance (Ω)	50
RF Connector	N-female
Application	Indoor or Outdoor
Operating Temperature (°C)	-25°C ~ +75°C
Color	Black
Waterproof	IP65
Relative Humidity	5%-95%
Weight (kg)	0.40

Mechanical Drawing



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Power Splitter (Low PIM Model)

COSMOS RF – SPLITTER - 03 - NF - 150

3 Way Power Splitter, N-female, IP65, 300W, -150dBc

Frequency Range

800-2700MHz

Features

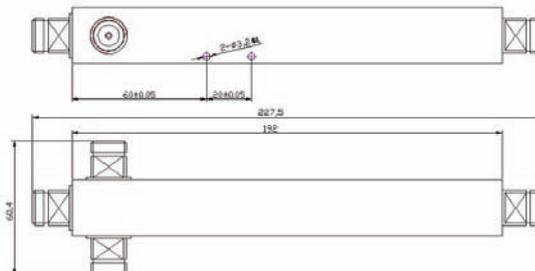
- ◆ **Wide band Performance 800-2700MHz**
- ◆ **Low Passive Intermodulation**
- ◆ **Low VSWR & Insertion Loss**
- ◆ **Indoor & Outdoor Use**
- ◆ **Widely used in DAS & IBS solutions**



Specification

Item	Specifications (Technical & Mechanical)
Frequency (MHz)	800-2700
Split Loss (dB)	4.8
Ripple In Band (dB)	≤0.4
VSWR	≤1.25
PIM3 (dBc)	≤-150dBc@2*43dBm
Power Capacity (W)	300
Impedance (Ω)	50
RF Connector	N-female
Application	Indoor or Outdoor
Operating Temperature (°C)	-25°C ~ +75°C
Color	Black
Waterproof	IP65
Relative Humidity	5%-95%
Weight (kg)	0.45

Mechanical Drawing



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Power Splitter (Low PIM Model)

COSMOS RF – SPLITTER - 04 - NF - 150

4 Way Power Splitter, N-female, IP65, 300W, -150dBc

Frequency Range

800-2700MHz

Features

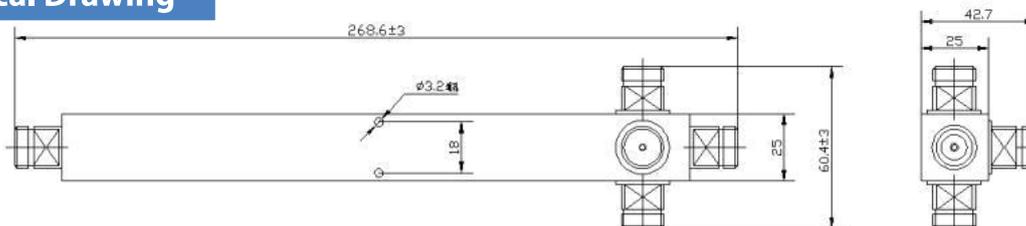
- ◆ **Wide band Performance 800-2700MHz**
- ◆ **Low Passive Intermodulation**
- ◆ **Low VSWR & Insertion Loss**
- ◆ **Indoor & Outdoor Use**
- ◆ **Widely used in DAS & IBS solutions**



Specification

Item	Specifications (Technical & Mechanical)
Model	WPS-627-04-NF-150
Frequency (MHz)	800-2700
Split Loss (dB)	6.0
Ripple In Band (dB)	≤6.4
VSWR	≤1.25
PIM3 (dBc)	≤-150dBc@2*43dBm
Power Capacity (W)	300
Impedance (Ω)	50
RF Connector	N-female
Application	Indoor or Outdoor
Operating Temperature (°C)	-25°C ~ +75°C
Color	Black
Waterproof	IP65
Relative Humidity	5%-95%
Weight (kg)	0.50

Mechanical Drawing



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