

# Technical proposal for JX-PS-575-6000-XCNI Power Divider

## Product Features

- ◆ Wide Frequency Band 575-6000MHz
- ◆ 2G/3G/4G/LTE/5G Coverage
- ◆ Low Passive Intermodulation
- ◆ Low VSWR & Insertion Loss
- ◆ Indoor & Outdoor, IP65
- ◆ Widely used for In-building Solutions

## Revision History

Version	Date	Author	Revision description	Comment
V1.0	2019/01/14	Sam Chen	Created	/

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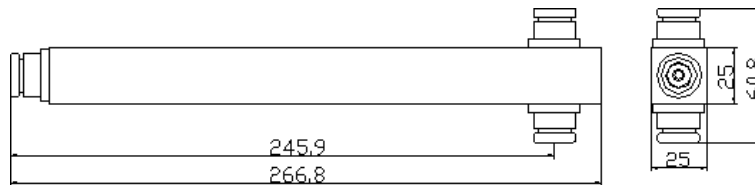
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1. Mechanical layout

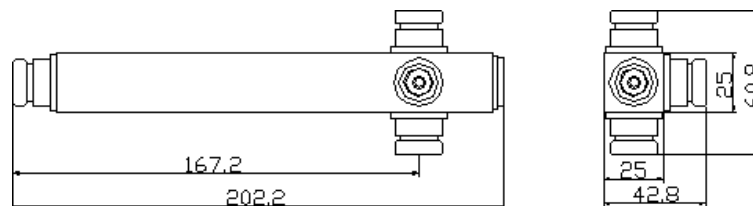
Table 1 Mechanical Specifications

Dimension	2 Way: L x W x H: 266.8mm x 25mm x 25mm 3 Way: L x W x H: 202.2mm x 25mm x 25mm 4 Way: L x W x H: 248.6mm x 25mm x 25mm
Connector	N-Female
Finish	Black/Gray/White
Note	Material shall be RoHS 6/6

2 Way:



3 Way:



4 Way:

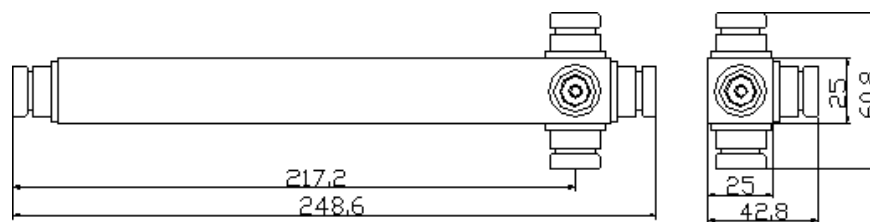


Figure 1 JX-PS-575-6000-XCNI Power Divider

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## 2. Electrical Specifications

Table 2 Electrical Specifications

Item	Parameter	Specification		
		JX-PS-575-6000-2CNI	JX-PS-575-6000-3CNI	JX-PS-575-6000-4CNI
1	Frequency Range	575-6000MHz		
2	Split (dB)	2	3	4
3	Split Loss (dB)	3	4.8	6
4	VSWR	1.25:1	1.25:1	1.30:1
5	Insertion loss (dB)	0.2(575-2700) 0.4(2700-6000)	0.2(575-2700) 0.4(2700-4900) 0.9(4900-6000)	0.3(575-2700) 0.4(2700-3800) 0.6(3800-4900) 1.3 (4900-6000)
6	Intermodulation	-160 dBc@2x43dBm (The tested frequency@900MHz &1800MHz)		
7	Power Rating	300W		
8	Impedance	50Ω		
9	Temperature Range	-35 to +85℃		
10	Applications	Indoor/Outdoor Use, IP65 ,RoHS Compliant		

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