

Main Features

- Low VSWR, low insertion loss
- Low PIM, high reliability
- High power handling
- High directivity between output and coupling port
- Compact design for easy installation
- Customized connector is available
- Optional values for coupling port
- Support 5G frequency band

Electrical Specifications

Items	Value	
Frequency	698 - 3800MHz	
Return loss	≤-18dB	
Attenuation values	Coupling attenuation	Distribution loss
5dB: DC-5-9F-NF-07L	5±1.0dB	≤2.1dB
6dB: DC-6-9F-NF-07L	6±1.0dB	≤1.7dB
7dB: DC-7-9F-NF-07L	7±1.0dB	≤1.5dB
8dB: DC-8-9F-NF-07L	8±1.0dB	≤1.1dB
10dB: DC-10-9F-NF-07L	10±1.2dB	≤1.0dB
12dB: DC-12-9F-NF-07L	12±1.2dB	≤0.6dB
13dB: DC-13-9F-NF-07L	13±1.2dB	≤0.6dB
15dB: DC-15-9F-NF-07L	15±1.2dB	≤0.5dB
20dB: DC-20-9F-NF-07L	20±1.2dB	≤0.4dB
25dB: DC-25-9F-NF-07L	25±1.5dB	≤0.4dB
30dB: DC-30-9F-NF-07L	30±1.5dB	≤0.3dB
35dB: DC-35-9F-NF-07L	35±1.5dB	≤0.3dB
40dB: DC-40-9F-NF-07L	40±1.8dB	≤0.3dB
Directivity	18dB	
Power handling	300W	
Intermodulation (3rd order)	≤-155dBc@2x43dBm	
Impedance	50Ω	

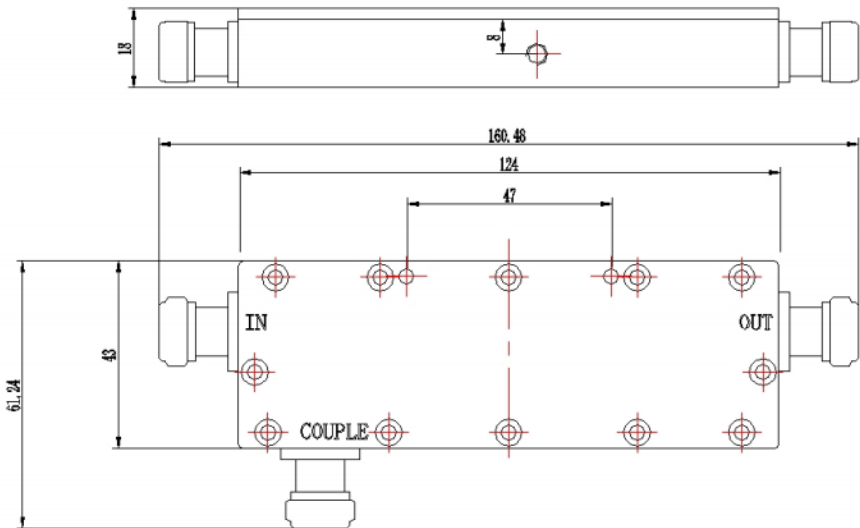
Environmental Specifications

Items	Value
Operating temperature range	-30°C to +70°C
Storage temperature range	-40°C to +85°C
Relative humidity	0%- 95%
Barometric pressure	55KPa -106KPa
Applications	IP65

Mechanical Specifications

Items	Value
Dimension	124 x43 x 18 (mm)
Weight	370g
Connectors type	N female
Mounting	Rack
Packing	1Pcs in box

Outline Drawing



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