

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



Electrical Specifications

Items	Value	
Frequency	350 - 2700MHz	
Return loss	≤-19dB	
Attenuation values	Coupling attenuation	Distribution loss
5dB: DC-5-8F-NF-01	5±1.0dB	≤2.3
6dB: DC-6-8F-NF-01	6±1.0dB	≤1.8
7dB: DC-7-8F-NF-01	7±1.0dB	≤1.7
8dB: DC-8-8F-NF-01	8±1.0dB	≤1.5
10dB: DC-10-8F-NF-01	10±1.5dB	≤1.1
12dB: DC-12-8F-NF-01	12±1.5dB	≤0.8
13dB: DC-13-8F-NF-01	13±1.5dB	≤0.7
15dB: DC-15-8F-NF-01	15±1.5dB	≤0.5
20dB: DC-20-8F-NF-01	20±1.5dB	≤0.4
25dB: DC-25-8F-NF-01	25±1.5dB	≤0.4
30dB: DC-30-8F-NF-01	30±1.5dB	≤0.4
35dB: DC-35-8F-NF-01	35±1.5dB	≤0.4
40dB: DC-40-8F-NF-01	40±1.5dB	≤0.4
Directivity	20dB	
Power handling	300W	
Intermodulation (3rd order)	≤-155dBc@2x43dBm	
Impedance	50Ω	

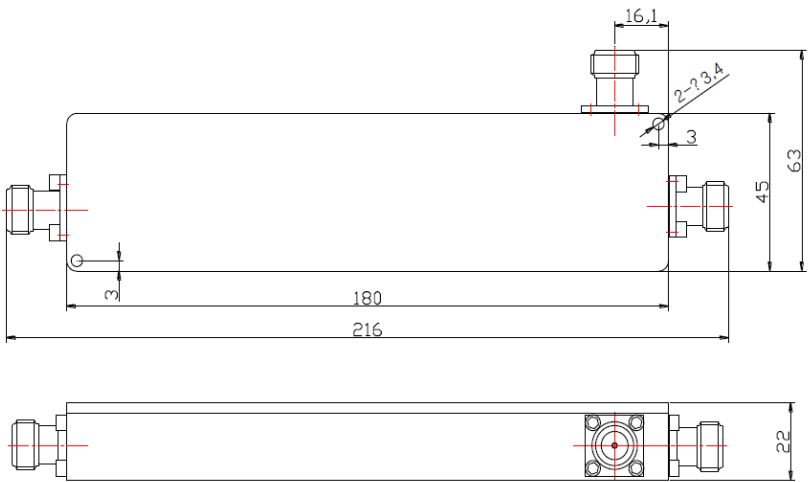
Environmental Specifications

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	180 x45 x22 (mm)
Weight	490g
Connectors type	N female
Mounting	Rack
Packing	1Pcs in box

Outline Drawing



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