

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-5-7F-DF-01	5±1.0dB	≤2.1dB
6dB: DC-6-7F-DF-01	6±1.0dB	≤1.7dB
7dB: DC-7-7F-DF-01	7±1.0dB	≤1.5dB
8dB: DC-8-7F-DF-01	8±1.0dB	≤1.1dB
10dB: DC-10-7F-DF-01	10±1.2dB	≤1.0dB
12dB: DC-12-7F-DF-01	12±1.2dB	≤0.6dB
13dB: DC-13-7F-DF-01	13±1.2dB	≤0.6dB
15dB: DC-15-7F-DF-01	15±1.2dB	≤0.5dB
20dB: DC-20-7F-DF-01	20±1.2dB	≤0.4dB
25dB: DC-25-7F-DF-01	25±1.5dB	≤0.4dB
30dB: DC-30-7F-DF-01	30±1.6dB	≤0.3dB
35dB: DC-35-7F-DF-01	35±1.6dB	≤0.3dB
40dB: DC-40-7F-DF-01	40±1.8dB	≤0.3dB
Directivity	20dB	
Power handling	500W	
Intermodulation (3rd order)	≤-155dBc@2x43dBm	
Impedance	50Ω	

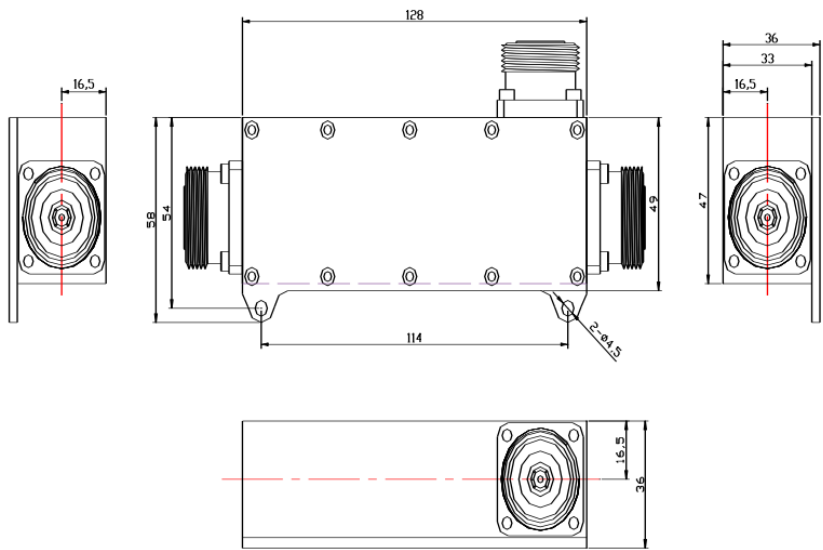
Environmental Specifications

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	128 x49 x36 (mm)
Weight	570g
Connectors type	Din female
Mounting	Rack
Packing	1Pcs in box

Outline Drawing



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