

Main Features

- Low VSWR, low insertion loss
- 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	380-470MHz	
VSWR / Return loss	≤ 1.25 / -19dB	
Attenuation values	Coupling attenuation	Distribution loss
5dB: DC-5-0304-43F-01	$5 \pm 1.0\text{dB}$	$\leq 2.3\text{dB}$
6dB: DC-6-0304-43F-01	$6 \pm 1.0\text{dB}$	$\leq 1.8\text{dB}$
7dB: DC-7-0304-43F-01	$7 \pm 1.0\text{dB}$	$\leq 1.8\text{dB}$
8dB: DC-8-0304-43F-01	$8 \pm 1.0\text{dB}$	$\leq 1.5\text{dB}$
10dB: DC-10-0304-43F-01	$10 \pm 1.5\text{dB}$	$\leq 1.1\text{dB}$
12dB: DC-12-0304-43F-01	$12 \pm 1.5\text{dB}$	$\leq 1.1\text{dB}$
13dB: DC-13-0304-43F-01	$13 \pm 1.5\text{dB}$	$\leq 1.0\text{dB}$
15dB: DC-15-0304-43F-01	$15 \pm 1.5\text{dB}$	$\leq 0.5\text{dB}$
20dB: DC-20-0304-43F-01	$20 \pm 1.5\text{dB}$	$\leq 0.5\text{dB}$
25dB: DC-25-0304-43F-01	$25 \pm 2.0\text{dB}$	$\leq 0.5\text{dB}$
30dB: DC-30-0304-43F-01	$30 \pm 2.0\text{dB}$	$\leq 0.5\text{dB}$
35dB: DC-35-0304-43F-01	$35 \pm 2.5\text{dB}$	$\leq 0.5\text{dB}$
40dB: DC-40-0304-43F-01	$40 \pm 2.5\text{dB}$	$\leq 0.5\text{dB}$
Directivity	20dB	
Power handling	300W	
Impedance	50 Ω	

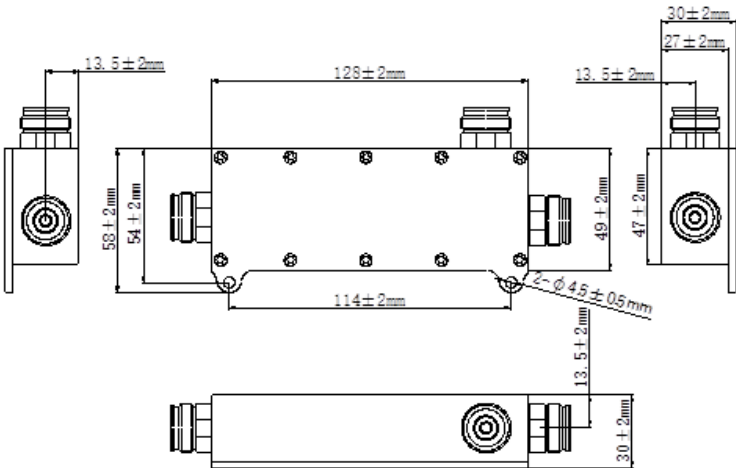
Environmental Specifications

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 x 49 x 30 (mm, excluding connectors and brackets)
Weight	0.7kg
Connectors type	4.3-10 female
Mounting	Plane
Packing	1Pcs in box

Outline Drawing



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