

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	380-4200MHz	
VSWR / Return loss	≤ 1.25 / -19dB	
Attenuation values	Coupling attenuation	Distribution loss
5dB: DC-5-0342-43F-163-01	5 ± 1.6 dB	≤ 2.7 dB
6dB: DC-6-0342-43F-163-01	6 ± 1.6 dB	≤ 2.2 dB
7dB: DC-7-0342-43F-163-01	7 ± 1.6 dB	≤ 1.8 dB
8dB: DC-8-0342-43F-163-01	8 ± 1.8 dB	≤ 1.8 dB
10dB: DC-10-0342-43F-163-01	10 ± 1.8 dB	≤ 1.2 dB
12dB: DC-12-0342-43F-163-01	12 ± 1.8 dB	≤ 1.2 dB
13dB: DC-13-0342-43F-163-01	13 ± 1.8 dB	≤ 1.2 dB
15dB: DC-15-0342-43F-163-01	15 ± 1.8 dB	≤ 0.8 dB
20dB: DC-20-0342-43F-163-01	20 ± 1.8 dB	≤ 0.6 dB
25dB: DC-25-0342-43F-163-01	25 ± 2.3 dB	≤ 0.6 dB
30dB: DC-30-0342-43F-163-01	30 ± 2.3 dB	≤ 0.6 dB
35dB: DC-35-0342-43F-163-01	35 ± 2.8 dB	≤ 0.6 dB
40dB: DC-40-0342-43F-163-01	40 ± 2.8 dB	≤ 0.6 dB
Directivity	16dB	
Power handling	300W	
Intermodulation (3rd order)	≤ -163 dBc@2x43dBm	
Impedance	50 Ω	

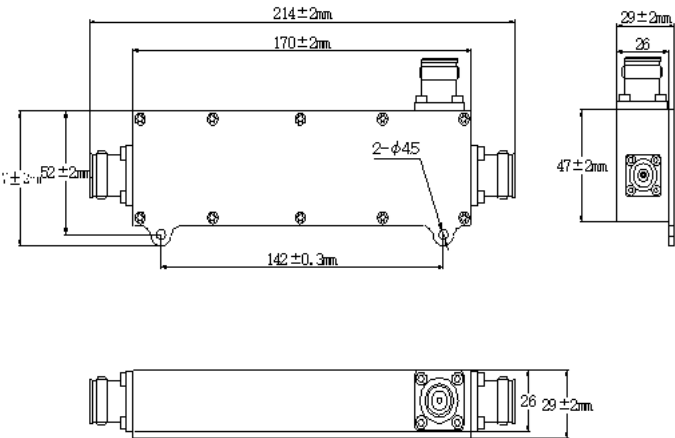
Environmental Specifications

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	170 x 47 x 29 (mm, excluding connectors and brackets)
Weight	0.5kg
Connectors type	4.3-10 female
Mounting	Plane
Packing	1Pcs in box

Outline Drawing



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