

Main Features

- Low VSWR, high isolation
- Low PIM, low insertion loss
- Compact design for easy installation
- Customized band is available



Electrical Specifications

Items	Value
Frequency	1900-1915 / 1980-1995MHz
Return loss	$\leq -18\text{dB}$
Insertion loss	$\leq 1.0\text{dB}$ @ 1900-1915 MHz
	$\leq 0.5\text{dB}$ @ 1980-1995 MHz
Rejection	$\geq 45\text{dB}$ @ 1855-1880 MHz
	$\geq 20\text{dB}$ @ 1880-1885 MHz
	$\geq 5\text{dB}$ @ 1885-1890 MHz
Power handling	100W (Avg) 1000W (Peak) @ TX band
Inter-module Isolation Frequency Band	$\geq 60\text{dB}$ @ 1855-1880 MHz
	$\geq 60\text{dB}$ @ 1900-1915 MHz
	$\geq 60\text{dB}$ @ 1980-1995 MHz
Intermodulation (3rd order)	$\leq -107\text{dBm}$ @ 2 x 43dBm
Impedance	50 Ω

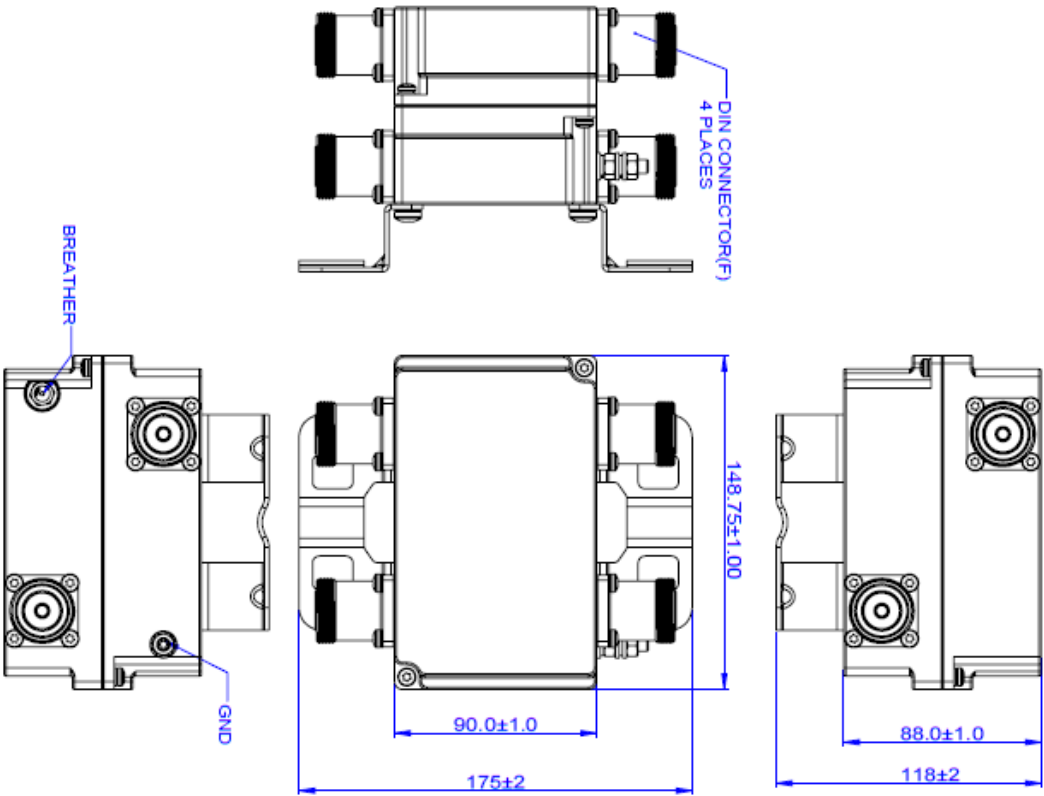
Environmental Specifications

Items	Value
Operating temperature range	-40°C to +65°C
Storage temperature range	-40°C to +85°C
Relative humidity	5%- 95%
Corrosion resistance	96hours salt spray test
Lightning protection	5kA, 8/20 us pulse
Applications	IP67

Mechanical Specifications

Items	Value
Dimension	148.75x90.0x88.0 (mm, excluding brackets and connectors)
Weight	≤2.5kg
Connectors type	7/16-DIN female
Mounting	Wall or pole
Packing	1Pcs in box

Outline Drawing



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