

Low PIM Load Specification

PN:Lxx-460-yy (xx=power, yy=connector type)

- . Multiple-Band Freq 380,700, 850, 900, PCS, UMTS, WCS, WiFi, LTE-LAA
- . High Reliability
- . Guaranteed Low PIM
- . RoHS Compliant

1. Electric performance

Item	Requirement	Remark
Frequency	400– 6000 MHz	
Return Loss	1.40:1@400-600MHz 1.25:1@600-4000MHz 1.30:1@4000-6000MHz	
PIM 2X43dBm	- 160dBc -168dBc typical	
DC pass/block	Block	
Power average	25W/50W/100W/200W/300W/400W	
Power peak	250W/500W/1000W/2000W/3000W/4000W	8//20us
Impedance	50 ohm	

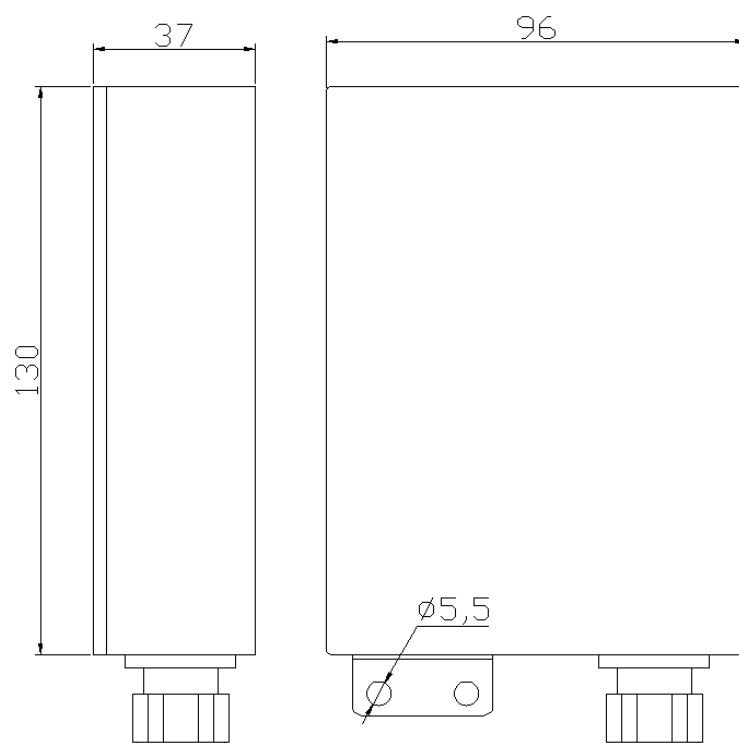
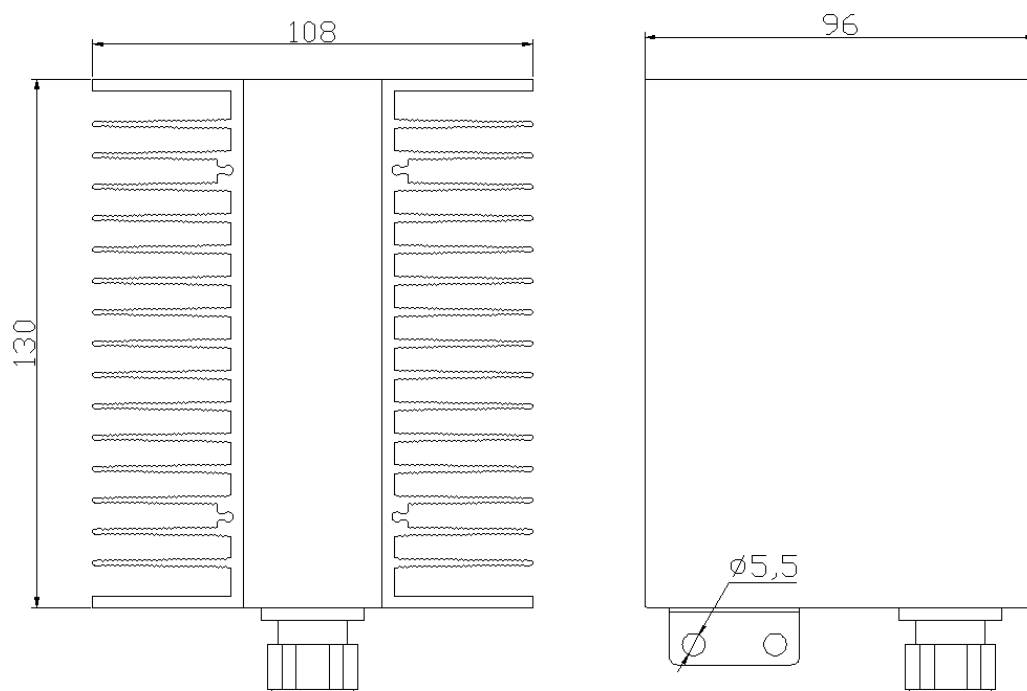
2. Environment

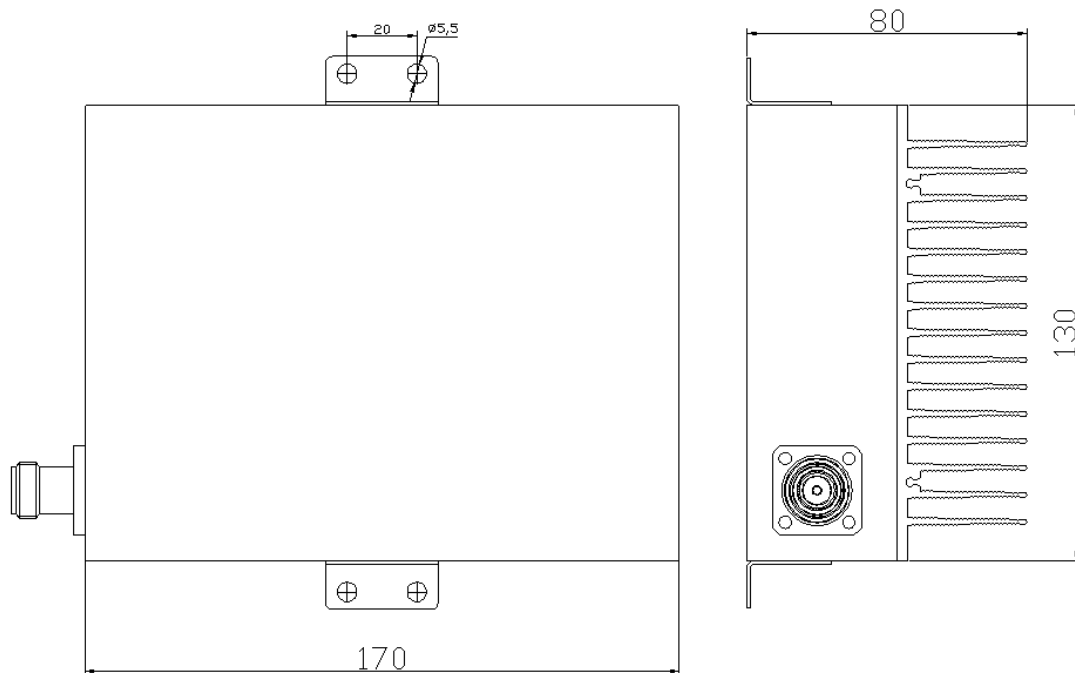
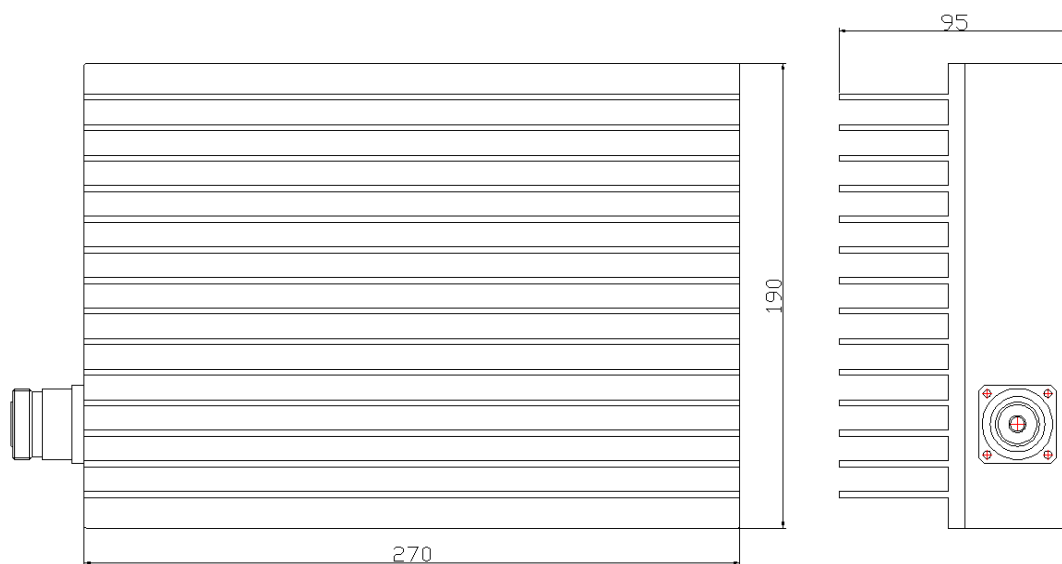
Waterproof	Indoor	
Work temp	-40-75℃	
store temp	-50-85℃	
Work Humidity	<95%	
Work Altitude	<5000m	
Salt fog	NA	
ROHS	compliant	

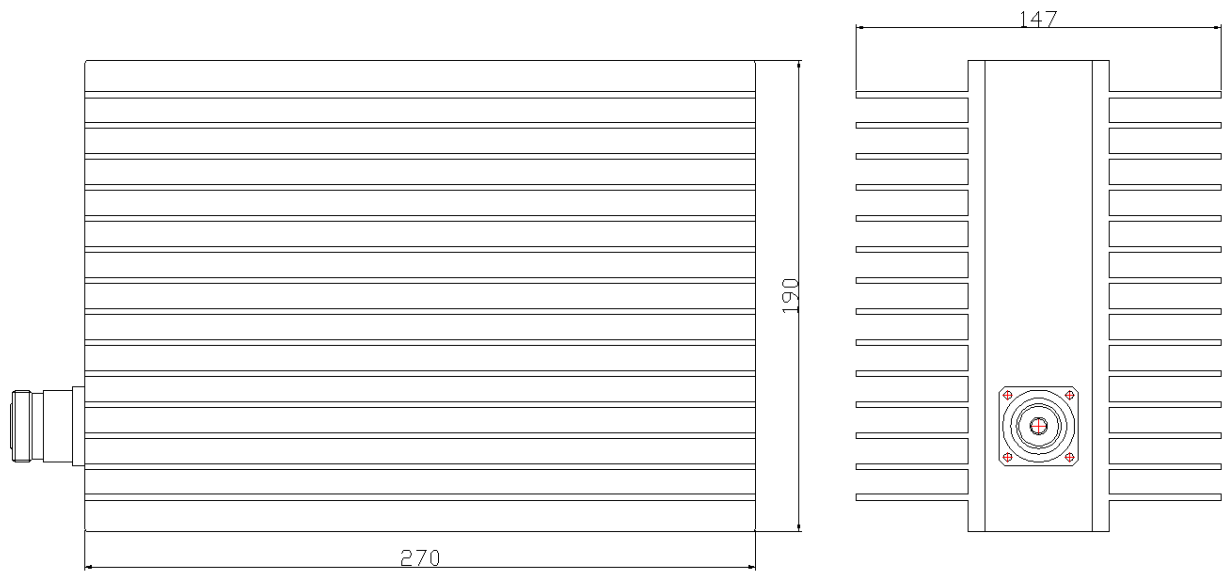
3. Mechanical

Connector type	Option: N(f), N(m) 4.3/10(f), 4.3/10(m) 7/16(f), 7/16(m)	
Connector material	Body: brass+ COPPER-TIN-ZINC2μm Inner conductor: beryllium copper+Ag 3um Insulator:PTFE	
Surface	Black anodizing	
Thermal shock	IEC 60068-2-14-Na	
Vibration	IEC 60068-2-6-Fc	
Shock	IEC 60068-2-27	

Mounting	Wall, bracket or pole	M4/M5 bolt
Unit Dimension	25W:130X96X37mm 50W:130X96X37mm 100W:130X96X108mm 200W:170X130X80mm 300W:270X190X95mm 400W:270X190X147mm	See below
Unit Package	25W:15X15X5cm 50W:15X15X5cm 100W:25X15X15cm 200W: 25X15X15cm 300W:35X30X20cm 400W: 35X30X20cm	
Unit Weight	25W:0.5Kg 50W:0.5Kg 100W:1.0Kg 200W:2.0Kg 300W:3.5Kg 400W:4.5Kg	
Connector torque	N: 1.36 N/m 4.3/10: 1.6 N/m 7/16: 1.6 N/m	Recommend

**25W/50W****100W**

**200W****300W**



400W