

Low PIM Attenuator Specification

PN:ATx-560-yyzz-ww

(x=attenuation, yy=input connector type, zz=output connector type, ww=power capacity)

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

1. Electric performance

	6dB	10dB	15dB	20dB	30dB	40dB
Attenuation	$-6 \pm 2\text{dB}$	$-10 \pm 2\text{dB}$	$-15 \pm 2\text{dB}$	$-20 \pm 2\text{dB}$	$-30 \pm 2\text{dB}$	$-40 \pm 2\text{dB}$
Frequency	555-6000MHz					
PIM 2X43dBm	- 160dBc - 168dBc typical					
VSWR	Input: 1.30:1 output: 1.40:1					
Power average	25W/50W/100W/200W/300W/400W					
Power peak	250W/500W/1000W/2000W/3000W/4000W (8/20us)					
Impedance	50 ohm					

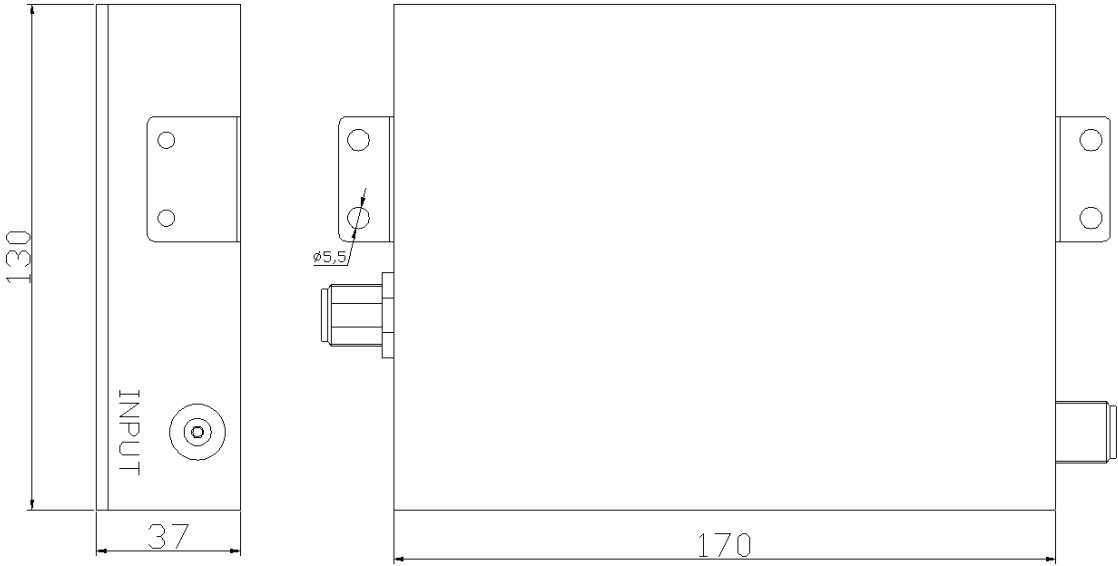
2. Environment

Waterproof	Indoor	
Work temp	-40-75°C	
store temp	-50-85°C	
Work Humidity	<95%	
Work Altitude	<5000m	
ROHS	compliant	

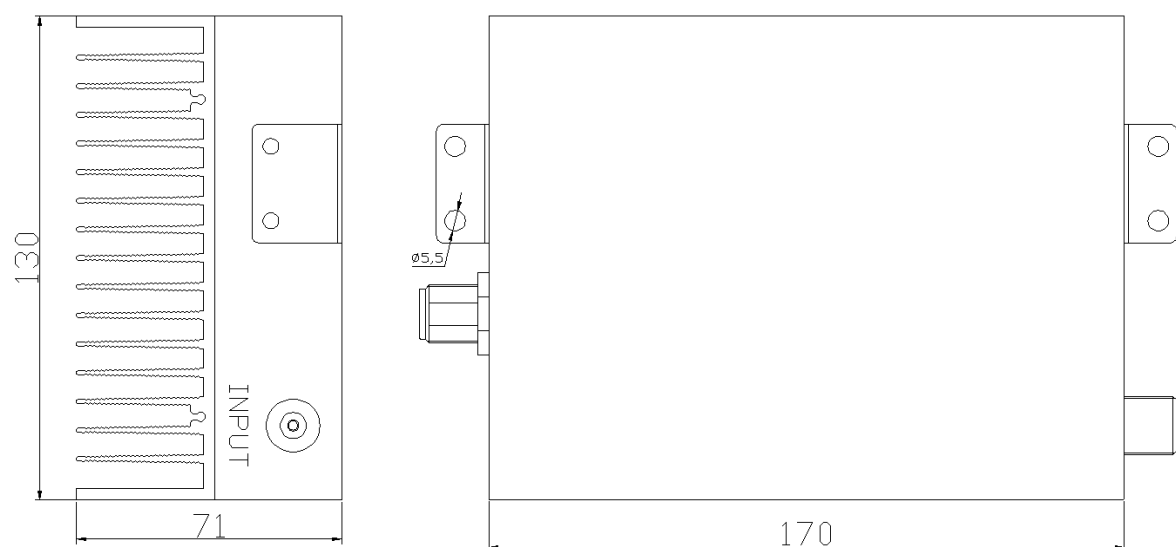
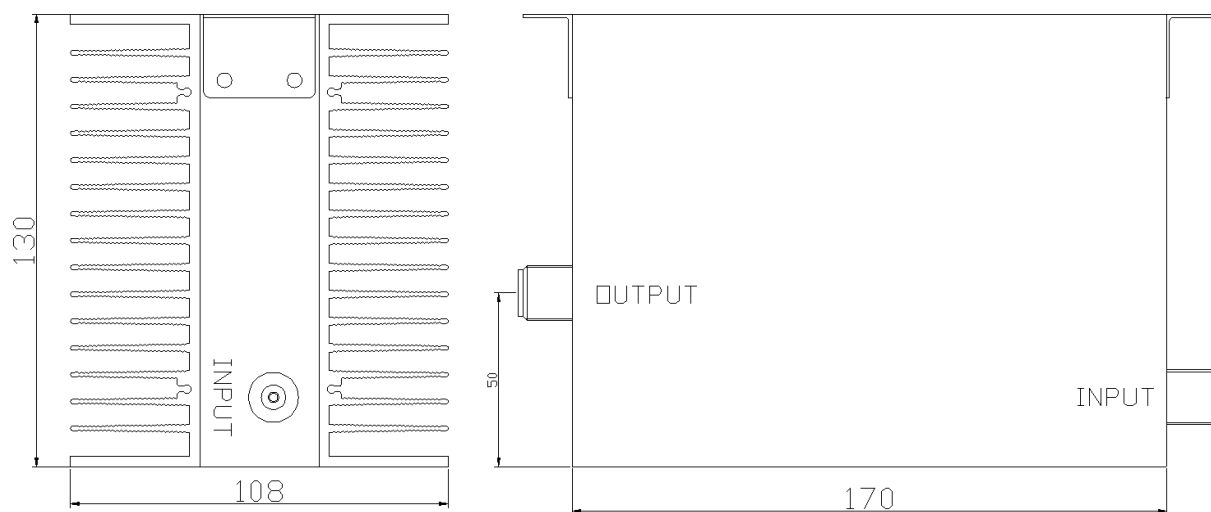
3. Mechanical

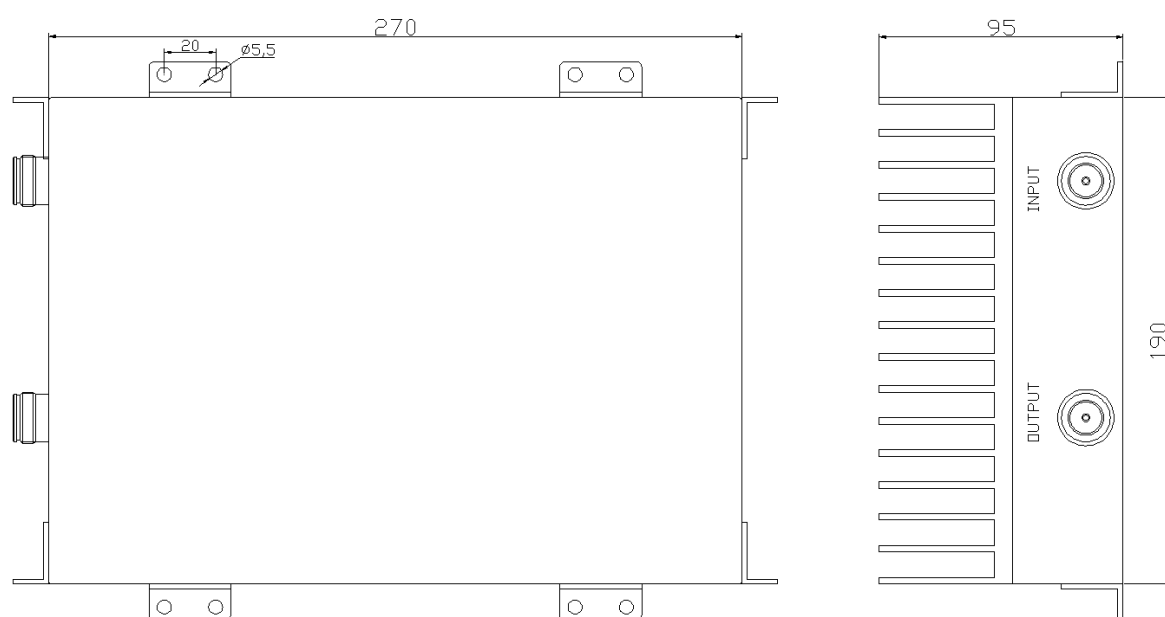
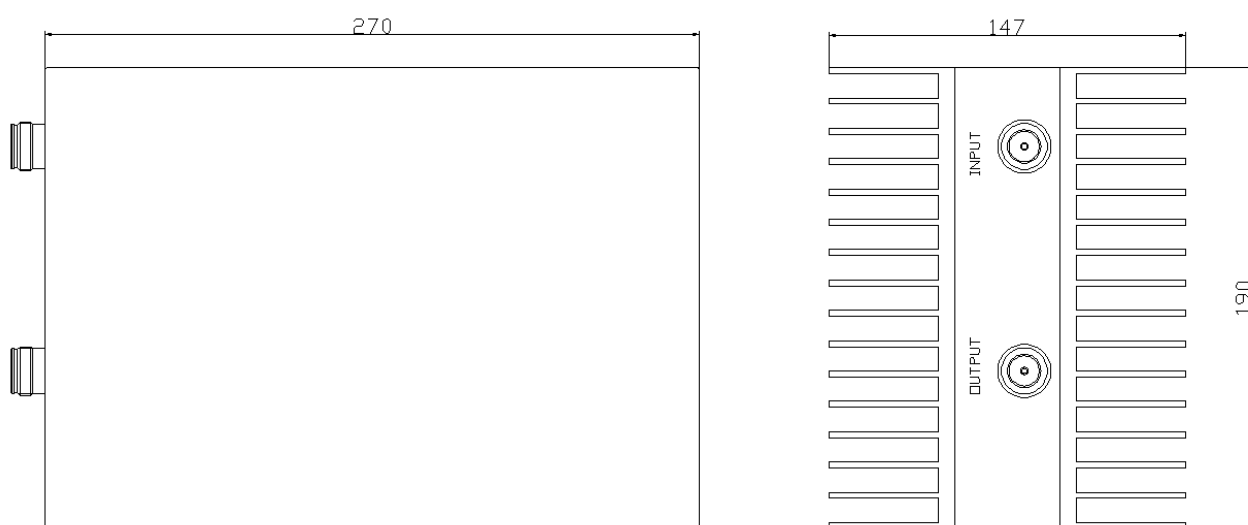
Connector type	Option: N(f) 4.3/10(f)	
Connector material	Body: brass+ COPPER-TIN-ZINC2μm Inner conductor: beryllium copper+Ag 3um Insulator:PTFE	
Surface	Black anodizing	
Thermal shock	IEC 60068-2-14-Na	
Vibration	IEC 60068-2-6-Fc	
Shock	IEC 60068-2-27	
Mounting	Wall, bracket or pole	M4/M5 bolt
Unit Dimension	25W:170X130X37mm	See below

		50W:170X130X37mm 100W:170X130X71mm 200W:170X130X108mm 300W:270X190X95mm 400W:270X190X147mm	
	Unit Package	25W:25X15X15cm 50W:25X15X15cm 100W:25X15X15cm 200W:25X15X15cm 300W:35X30X20cm 400W: 35X30X20cm	
	Unit Weight	25W:1.5kg 50W:1.5kg 100W:1.8kg 200W:2.0kg 300W:4.5kg 400W:5.0kg	



25W/50W

**100W****200W**

**300W****400W**