

Low PIM Attenuator Specification

PN:AT3-560-yyzz-ww

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

- . Multiple-Band Freq 700, 850, 900, PCS, UMTS, WCS, CBRS, WiFi, LTE-LAA
- . Minimal RF Insertion Loss
- . Guaranteed Low PIM
- . RoHS Compliant

1. Electric performance

Item	Requirement	Remark
Frequency	555– 6000 MHz	
Attenuation	$3 \pm 0.6\text{dB}$	Over temp
VSWR(Input only)	1.30:1	
PIM _{2X43dBm}	- 160dBc - 168dBc typical	
DC pass/block	block	
Power average	25W/50W/100W	
Power peak	250W/500W/1000W	8/20us
Impedance	50 ohm	

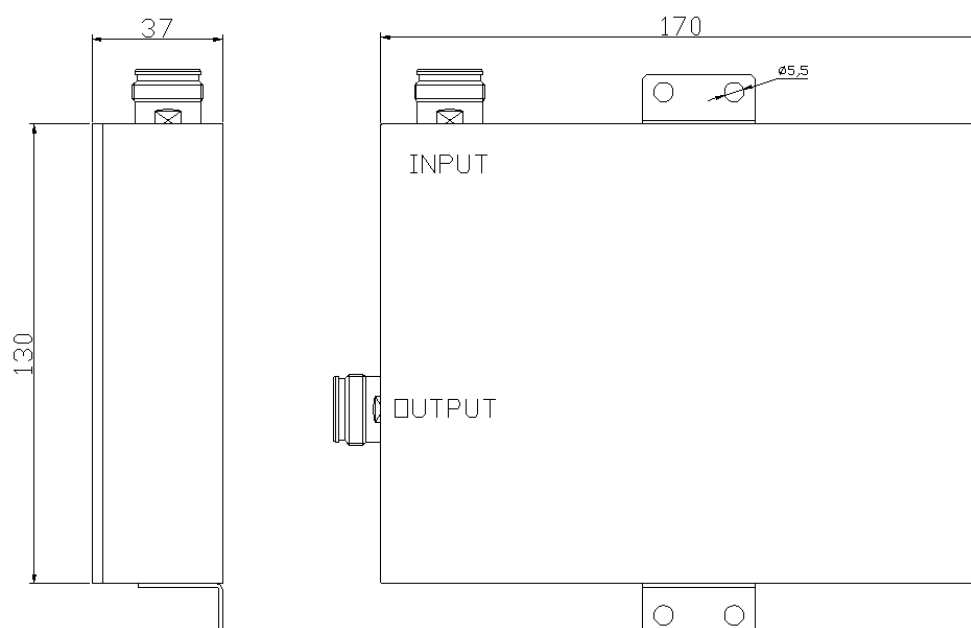
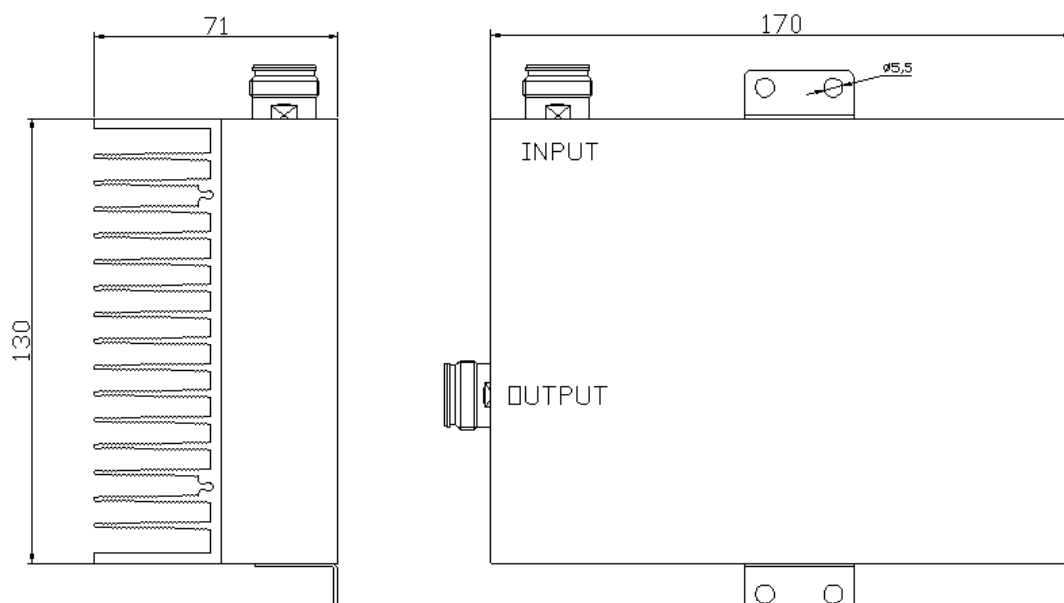
2. Environment

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

3. Mechanical

Connector type	N(f) 4.3-10(f)	
Connector material	Body: brass+COPPER-TIN-ZINC2μm Inner conductor: beryllium copper+Ag 3μm 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	M4/M5 bolt

Unit Dimension	25W: 170X130X37mm 50W: 170X130X37mm 100W: 170X130X71mm	See below
Unit Package	25W: 25X15X15cm 50W: 25X15X15cm 100W: 25X15X15cm	
Unit Weight	25W: 1.5Kg 50W: 1.5Kg 100W: 1.8Kg	

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