

Splitter specification

PN:SPx-196-yy (xx=split path, yy=connector type)

- . Multiple-Band Freq 138, 350, 700, 850, 900
- . Minimal RF Insertion Loss
- . High Reliability, IP65
- . Guaranteed Low PIM
- . RoHS Compliant

1. Electric performance

	2 Way	3 Way	4 Way
Frequency	138-960 MHz		
Split Loss	3.0 dB	4.8 dB	6.0 dB
Insertion Loss	0.4	0.45	0.5
PIM 2X43dBm	- 160dBc	- 160dBc	- 160dBc
VSWR	1.30:1@138-174MHz 1.20:1@174-960MHz	1.40:1@138-174MHz 1.20:1@174-960MHz	1.40:1@138-174MHz 1.30:1@174-960MHz
DC pass/block	Pass (current 10A)		
Power average	100W		
Power peak	1000W		
Impedance	50 ohm		

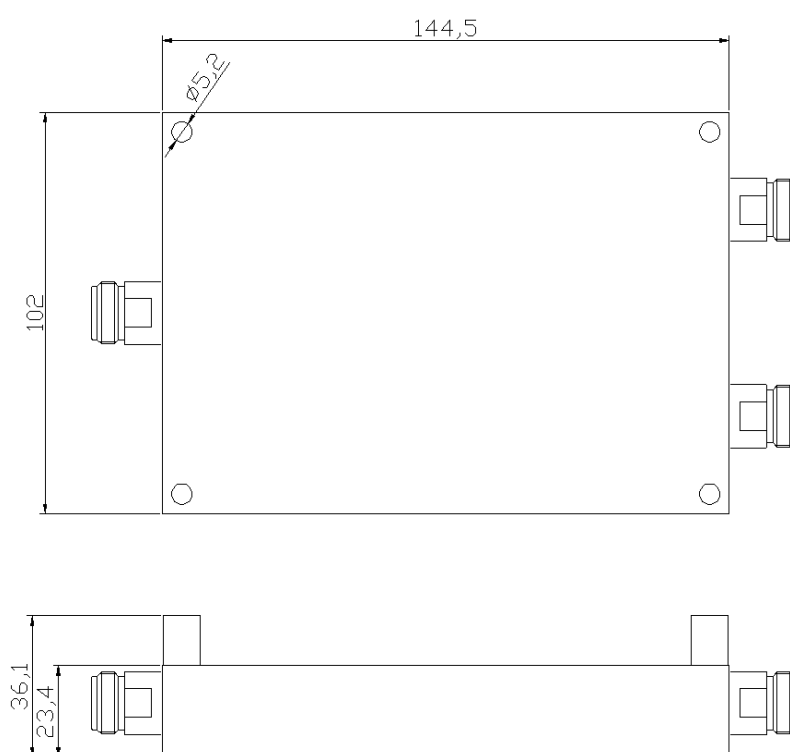
2. Environment

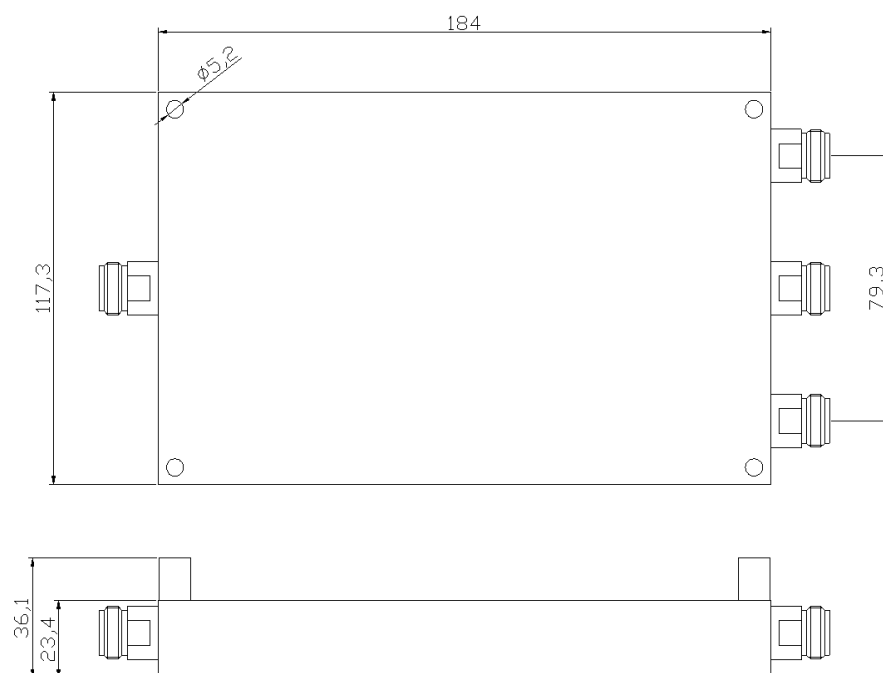
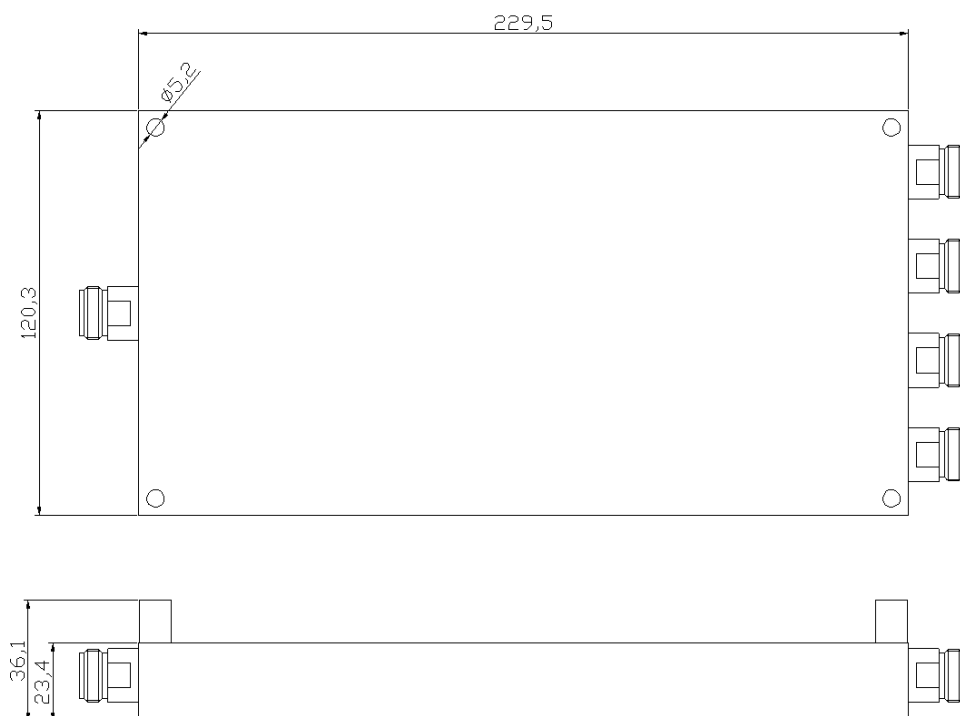
Waterproof	IP65	
Work temp	-40-75℃	
store temp	-50-85℃	
Work Humidity	<95%	
Work Altitude	<5000m	
Salt fog	168 hours	
ROHS	compliant	

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	Grey powder	Customized Colors
Thermal shock	IEC 60068-2-14-Na	
Vibration	IEC 60068-2-6-Fc	
Shock	IEC 60068-2-27	
Mounting	Wall, bracket	M4 bolt

Unit Dimension	2 way: 145X102X23mm 3 way: 184X117X23mm 4 way: 230X120X23mm	See below
Unit Package	2 way: 18x11x5 cm 3 way: 22x13x5 cm 4 way: 27x13x5 cm	
Unit Weight	2 way: 350g 3 way: 450g 4 way: 550g	
Connector torque	N: 1.36 N/m 4.3/10: 1.6 N/m	Recommend

**2 way splitter**

**3 way splitter****4 way splitter**