

High power Splitter Specification

PN:SPx-638-yy (xx=split path, yy=connector type)

- . Multiple-Band Freq 700, 850, 900, PCS, UMTS, WCS, CBRS
- . Minimal RF Insertion Loss
- . High Reliability, IP65
- . Guaranteed Low PIM
- . RoHS Compliant

1. Electric performance

	2 Way	3 Way	4 Way
Frequency	698-3800 MHz	698-3800 MHz	698-3800 MHz
Split Loss	3.0 dB	4.8 dB	6.0 dB
Insertion Loss	0.5dB	0.5dB	0.7dB
PIM 2X43dBm	- 160dBc - 168dBc typical	- 160dBc - 168dBc typical	- 160dBc - 168dBc typical
Input VSWR	1.30:1	1.30:1	1.30:1
Power average	300 W	300 W	300 W
Power peak	3000 W	3000 W	3000 W
DC pass/block	pass		
Impedance	50 ohm		

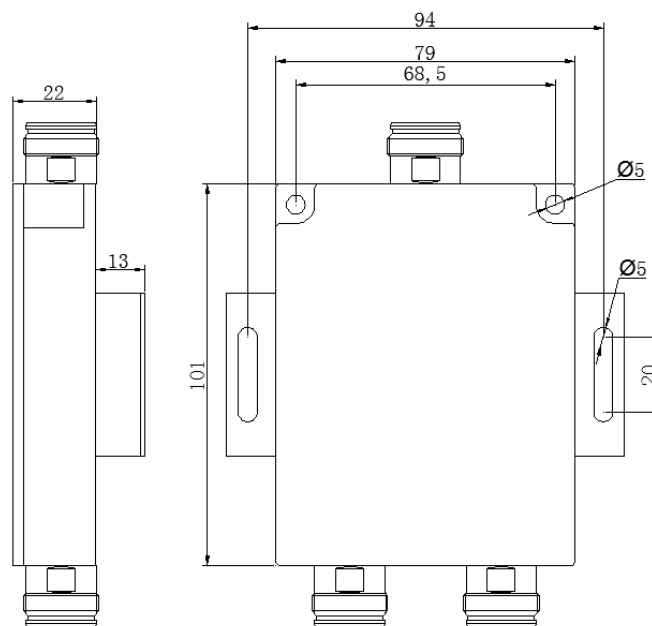
2. Environment

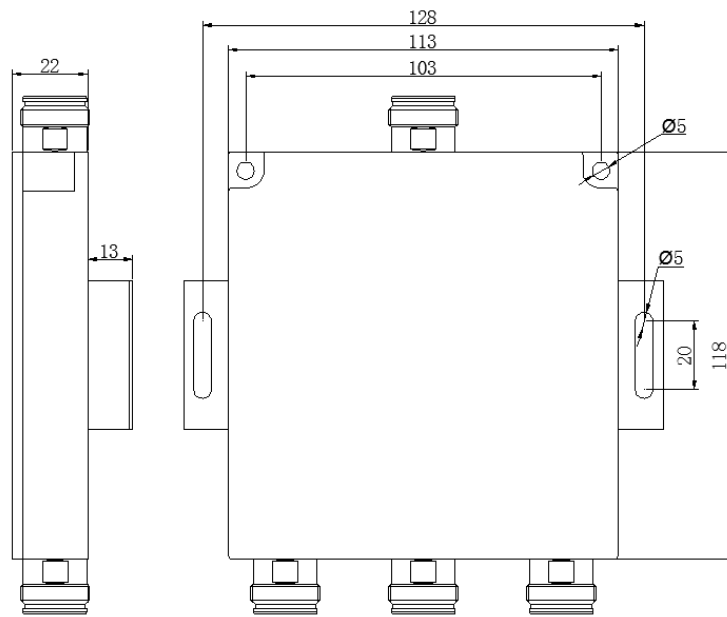
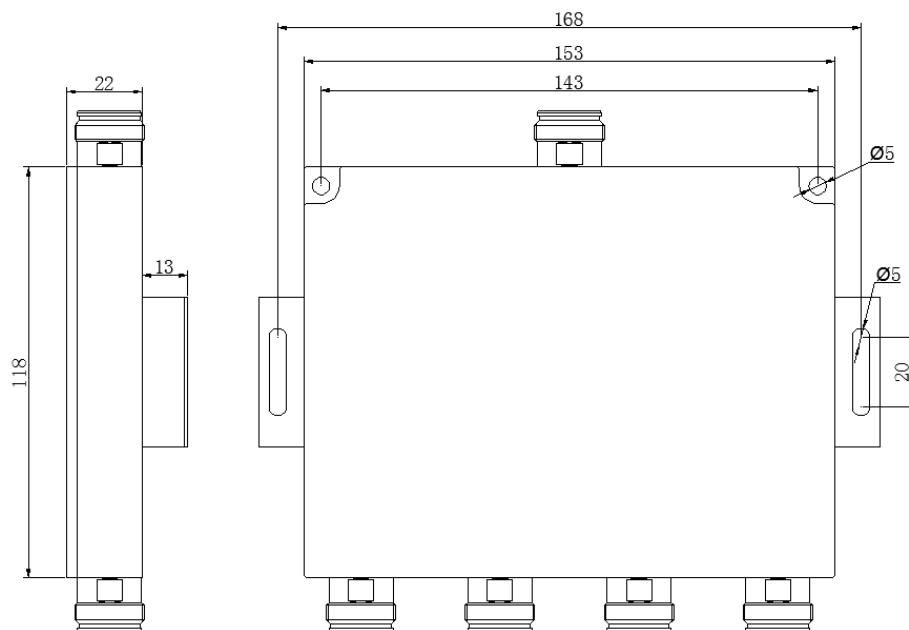
Waterproof	IP65	
Work temp	-40-75℃	
store temp	-50-85℃	
Work Humidity	< 95%	
Work Altitude	< 5000m	
Salt fog	168 hours	
ROHS	compliant	

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	M3 bolt
Unit Dimension	2 way:101X79X22mm	See below

	3 way: 118X113X22mm 4 way: 118X153X22mm	
Unit Package	2 way: 15X90X5cm 3 way: 16X13X5cm 4 way: 16X18X5cm	
Unit Weight	2 way: 200g 3 way: 300g 4 way: 400g	
Carton qty	10pcs/box	
Carton dimension	35X30X20CM	
Carton weight	6Kg	
Connector torque	N: 1.36 N/m 4.3/10: 1.36 N/m	Recommend

**2 Way Splitter**

**3 Way Splitter****4 Way Splitter**