

High power Splitter Specification

PN:SPx-742-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	698-4200 MHz	698-4200 MHz	698-4200 MHz
Split Loss	3.0 dB	4.8 dB	6.0 dB
Insertion Loss	0.4dB	0.5dB	0.6dB
PIM 2X43dBm	- 160dBc - 168dBc typical	- 160dBc - 168dBc typical	- 160dBc - 168dBc typical
Input VSWR	1.25:1	1.25:1	1.30:1
Power average	500 W	500 W	500 W
Power peak	5000 W	5000 W	5000 W
DC pass/block	pass		
Impedance	50 ohm		

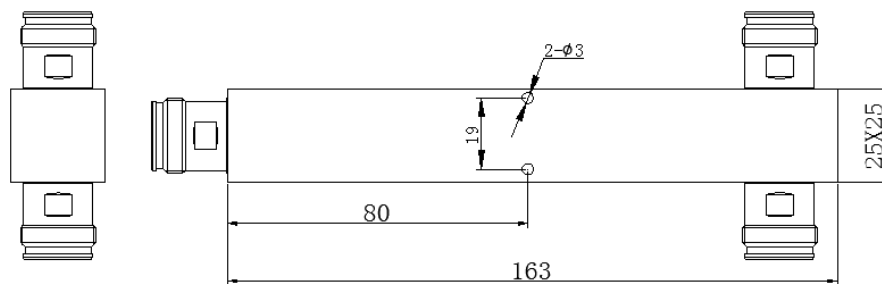
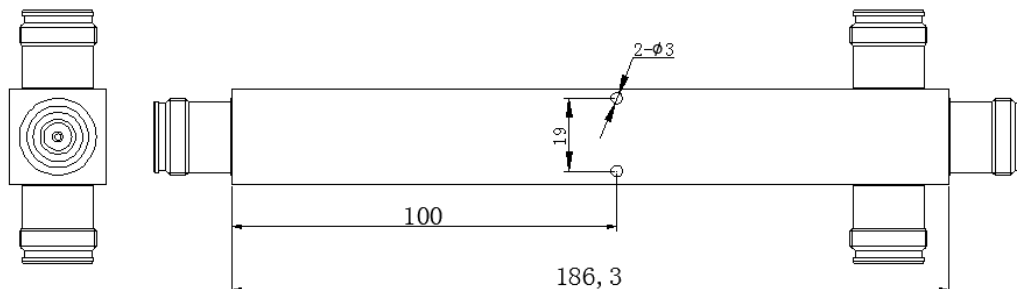
2. Environment

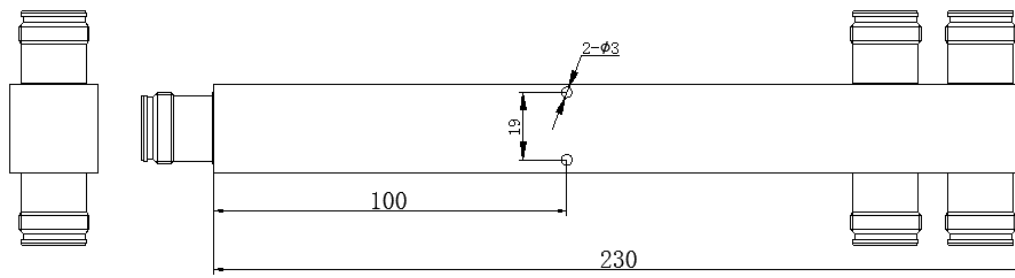
Waterproof	IP65	
Work temp	-40-75℃	
store temp	-50-85℃	
Work Humidity	< 95%	
Work Altitude	< 5000m	
Salt fog	168 hours	
ROHS	compliant	

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:163X25X25mm	See below

	3 way: 186X25X25mm 4 way: 230X25X25mm	
Unit Package	2 way: 20X7X4cm 3 way: 25X7X4cm 4 way: 25X7X4cm	
Unit Weight	2 way: 200g 3 way: 300g 4 way: 350g	
Carton qty	20pcs/box	
Carton dimension	35X30X20CM	
Carton weight	10Kg	
Connector torque	N: 1.36 N/m 4.3/10: 1.6 N/m	Recommend

**2 Way Splitter****3 Way Splitter**

**4 Way Splitter**