

3dB Hybrid Specification

PN:H3-638-xx (xx=connector type)

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

1. Electric performance

Item	Requirement	Remark
Frequency	698– 3800 MHz	
Coupling	3.1 ±0.5 dB	
Isolation	25 dB 28 dB typical	
PIM 2X43dBm	- 160dBc - 168dBc typical	
VSWR	1.20:1	
Phase	180 degree	
DC pass/block	Pass(current 2A)	
Power average	200 W	
Power peak	2000 W	8/20us
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) 7/16(f)	
Connector material	Body: brass+ COPPER-TIN-ZINC2μm Inner conductor: beryllium copper+Ag 3um Insulator:PTFE	
Surface	Grey powder	
Thermal shock	IEC 60068-2-14-Na	

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Vibration	IEC 60068-2-6-Fc	
Shock	IEC 60068-2-27	
Mounting	Wall, bracket or pole	M4 bolt
Unit Dimension	123X43X26mm	See below
Unit Package	160X80X40mm	
Unit Weight	300g	
Carton qty	30 pcs/box	
Carton dimension	35X30X20CM	
Carton weight	10Kg	
Connector torque	N: 1.36 N/m 4.3/10: 1.6 N/m 7/16: 2.1 N/m	Recommend

