

Hybrid combiner Specification

PN:CH-638-yy (yy= connector type)

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

1. Electric performance

Item	Requirement	Remark
Frequency	698– 3800 MHz	
Attenuation	3.1±0.6dB	
PIM 2X43dBm	- 160dBc - 168dBc typical	
Isolation	-25dB	INPUT port
VSWR	1.20:1	
DC pass/block	pass	Current 2A
Power average	200 W	each port
Power peak	2000 W	
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	

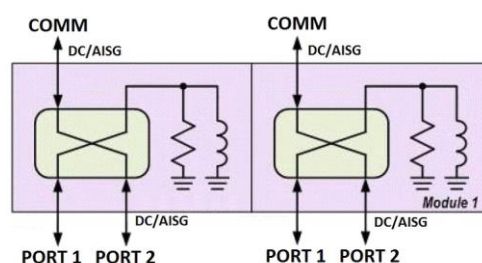
3. Mechanical

Connector type	Option: N(f) 4.3/10(f) 7/16(f)	
Connector material	Body: brass+ COPPER-TIN-ZINC2μm Inner conductor: beryllium copper+Ag 3μm 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/M5 bolt
Unit Dimension	170X130X72mm	See below
Unit Package	250X200X100mm	
Unit Weight	2Kg	
Carton qty	4 pcs/box	
Carton dimension	35X30X20CM	
Carton weight	8Kg	
Connector torque	N: 1.36 N/m 4.3/10: 1.6 N/m 7/16: 1.6 N/m	Recommend

4. Block diagram



5. Dimension

