

4X4 Matrix Specification

PN:H6-638-yy (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

Item	Requirement	Remark
Frequency	698– 3800 MHz	
Insertion loss	6 ± 1.1 dB	
VSWR	1.25:1	
Isolation	25 dB	
PIM 2X43dBm	- 160dBc - 168dBc typical	
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 3μm 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 or pole	M4 bolt
Unit Dimension	178X104X51mm	See below
Unit Package	250X170X70mm	
Unit Weight	1.5Kg	
Carton qty	12 pcs/box	
Carton dimension	35X30X20CM	
Carton weight	18Kg	
Connector torque	N: 1.36 N/m 4.3/10: 1.36 N/m 7/16: 1.36 N/m	Recommend

