

Isolator Specification

PN:IS-1800-yy (yy=connector)

- . Multiple-Band PCS, UMTS, WCS
- . High Reliability
- . RoHS Compliant

1. Electric performance

Item	Requirement	Remark
Frequency	1.7-2.2 GHz	
Insertion loss	0.4 dB	
Isolation	20dB	
VSWR	1.30:1	
Power average	Forward:100W Reverse: 5W	
Impedance	50 ohm	

2. Environment

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

3. Mechanical

Connector type	SMA, N	
Connector material	Body: brass+ COPPER-TIN-ZINC2μm Inner conductor: beryllium copper+Ag 3um Insulator:PTFE	
Mating	500 times	
Thermal shock	IEC 60068-2-14-Na	
Vibration	IEC 60068-2-6-Fc	
Shock	IEC 60068-2-27	
Mounting	Cable or connector	
Unit Dimension	36X32X15mm	See below
Unit Package	Blister box	

Unit Weight	100g	
Carton qty	30 pcs/box	
Carton dimension	35X30X20CM	
Carton weight	4Kg	

