

Quarter-wave Surge arrestor Specification

PN:LP-545-yy (yy= connector type)

- . Multiple-Band Freq 555,700, 850, 900, PCS, UMTS, WCS
- . Minimal RF Insertion Loss
- . High Reliability, IP65
- . Guaranteed Low PIM
- . RoHS Compliant

1. Electric performance

Item	Requirement	Remark
Frequency	555-4500 MHz	
Insertion loss	0.1dB	
VSWR	1.35:1@555-698 1.20:1@698-4500	
Discharge DC current	40kA	8/20us
DC pass/block	BLOCK	
PIM 2X43dBm	- 160dBc - 165dBc typical	
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, 7/16, 4.3-10, 2.2-5, NEX10	
Connector material	Body: brass+ COPPER-TIN-ZINC2μm Inner conductor: beryllium copper+Ag 3μm Insulator:PTFE	
Surface	brass+ COPPER-TIN-ZINC	
Thermal shock	IEC 60068-2-14-Na	
Vibration	IEC 60068-2-6-Fc	
Shock	IEC 60068-2-27	

Mounting	unit, bracket	
Unit Dimension	70X32X25mm	See below
Unit Package	9X4X3cm	
Unit Weight	200g	
Carton qty	50 pcs/box	
Carton dimension	35X30X20CM	
Carton weight	10Kg	
Connector torque	N: 1.36 N/m 4.3/10: 1.6 N/m 7/16: 1.6 N/m	Recommend

