

# 6G Coaxial Lightning Protector

ESWA-3100-NJNP



## Features:

- Wide-band Operation for 2.4 GHz and 5.8 GHz
- Waterproof Package
- VSRW < 1.25 : 1
- Insertion Loss < 0.8 dB
- Three Grounding Methods: Ground Screw, Bulkhead or Optional Mounting Bracket
- Ultra Fast Gas Discharge < 1KV/  $\mu$  sec
- DC Pass-thru for Outdoor Surge Powering
- Reversed Protection

## Specifications:

<b>Connectors:</b>	Bulkhead N-Jack to N-Plug
<b>Impedance:</b>	50 $\Omega$
<b>Frequency Range:</b>	DC - 6 GHz
<b>VSRW</b>	< 1.25 : 1
<b>Insertion Loss</b>	< 0.8 dB
<b>DC Spark Over voltage 100V/S</b>	230 $\pm$ 20%
<b>Gas Tube Insulation Resistance At 100Vdc</b>	$\geq$ 10G $\Omega$
<b>Impulse Breakdown Voltage</b>	< 450V
<b>Alternating Discharge Current</b>	20KA ( wave 8/20 $\mu$ s ) 10 Times
<b>Capacitance 1MHz</b>	<1 pf
<b>DC Holdover Voltage per ITU-T K.12</b>	135 V
<b>Working Temperature</b>	-40 $^{\circ}$ C ~+85 $^{\circ}$ C
<b>Dimensions (W*L*H) :</b>	22.8 x 64.7 x 32 mm
<b>Weight:</b>	117g