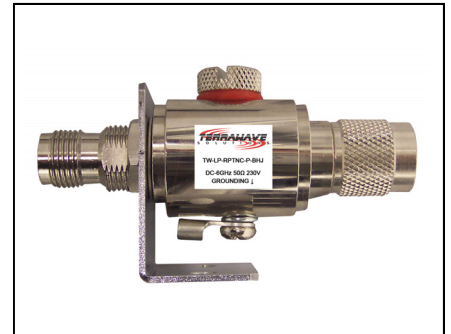




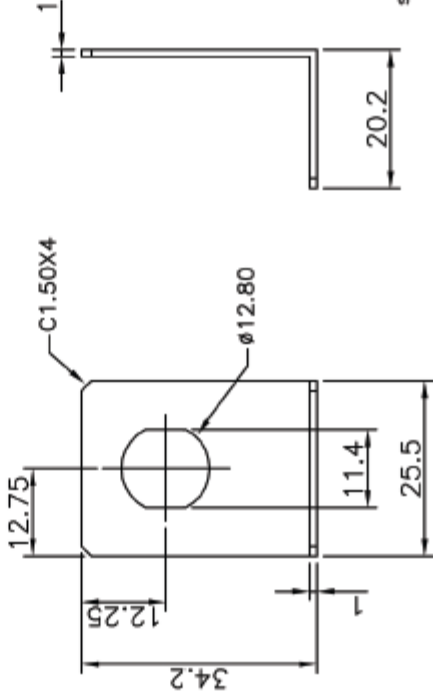
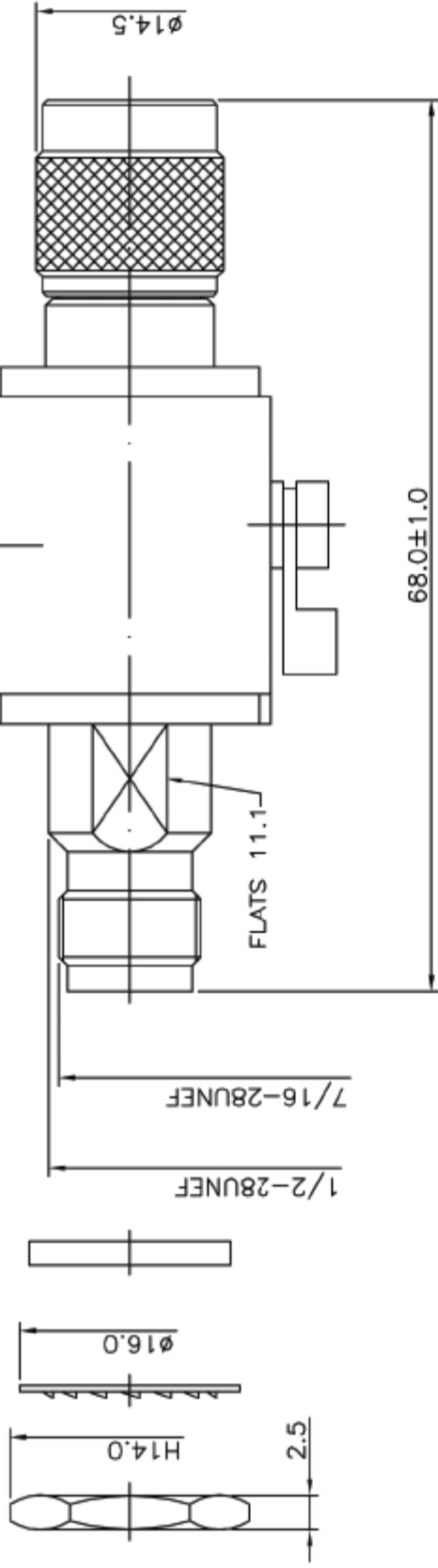
TerraWave Solutions® Lightning Arrestor With RPTNC Plug To RPTNC Bulkhead Jack 0-6 GHz

TerraWave's lightning suppressor is a gas discharge tube suppressor and features wide-band operation up to 6 GHz. Simply attach the lightning protector to an access point to help protect an entire network, outdoor antennas and other wireless equipment from the build-up of static electricity. It is recommended to use 18 American Wire Gauge (AWG) ground wire. Every TerraWave lightning arrestor is covered by the Company's one-year warranty program. For questions and to purchase product, contact a regional account executive at 210-375-8482, 800-851-4965 or sales@terrawave.com. Visit www.terrawave.com for additional information.

Specifications	
Model	TW-LP-RPTNC-P-BHJ
Frequency Range	DC 0-6 GHz
Insertion Loss	≤0.7 dB
VSWR	DC~6 GHz <1.5
Impedance	50 Ω
Connector	RPTNC Plug To RPTNC Bulkhead Jack
Operating Temperature Range	-40°F to 185°F
Dimensions (L x W x H)	0.9" x 2.7" x 1.1"
Insulation Resistance	≥2000 MΩ
DC Discharge Voltage	90V
Initial Impulse Wave Discharge Voltage	450-500 V (1KV/μs)
Rated Impulse Wave Discharge	20 KA (Wave 8/20 μs) 10 Times (5 Times Each Polarity)
Weight	0.21 lbs
Ground Connection	By Feedthrough or Screw Terminal
Recommended AWG	18 AWG ground wire



REVISION	
ISS	ZONE



NO.	DESCRIPTION	MATERIAL	FINISH	QTY	DRAWN NO.	SCALE	2/1	ISSUE	A-0	FILE PATH:
18	BODY	BRASS	NICKEL	1						
17	NUT	BRASS	NICKEL	1						
16	WASHER	BRASS	NICKEL	1						
15	WASHER	BRASS	NICKEL	1						
14	INSULATOR B	TEFLON	NONE	1						
13	PIN	BRASS	GOLD	1						
12	BODY	BRASS	NICKEL	1						
11	PIN	BRASS	GOLD	1						
10	GAS TUBE	NONE	NONE	1						
9	O-RING	SILICONE	NICKEL	1						
8	SPRING	STELL	NONE	1						
7	NUT	BRASS	NICKEL	1						
6	GASKET	RUBBER	NONE	2						
5	INSULATOR	TEFLON	NONE	2						
4	BODY	BRASS	NICKEL	1						
3	GASKET	RUBBER	NONE	1						
2	WASHER	BRASS	NICKEL	1						
1	NUT	BRASS	NICKEL	1						

TOLERANCES	
DIMENSIONS ARE IN MILLIMETER	
UNLESS OTHERWISE SPECIFIED	
.X	±0.2
.XX	±0.1
.XXX	±0.05
ANGLES	±5°

TITLE	
RPTNC Plug to RPTNC Bulkhead Jack Lightning Protector	
PART NO.	TW-LP-RPTNC-P-BHJ
DRAWN NO.	

TerraWave Solutions	
APPROVED	DATE
CHECKED	DATE
DRAWN	DATE