

# 0-6 GHz Lightning Arrestors



Ventev's lightning arrester is a bi-directional gas discharge tube suppressor that features wide-band operation up to 6 GHz and is rated at IP67. 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.

## Details

SKU	Model Number	Connectors
384159	TW-LP-SMA-J-BHJ	SMA Female To SMA Bulkhead Female
324356	TW-LP-RPTNC-P-BHJ	RPTNC Male To RPTNC Bulkhead Female
396557	TW-LP-TNC-P-BHJ	TNC Male to TNC Bulkhead Female

## Specifications

Frequency Range	DC 0-6 GHz
Insertion Loss	≤0.9 dB
VSWR	DC~6 GHz <1.4
Impedance	50 Ω
Max RF Power	90W/CW @ 30 MHz and 9W/CW @ 3 GHz
Operating Temperature Range	-40°F to 185°F
Dimensions (L x W x H)	0.9 x 2.7 x 1.2 in
Insulation Resistance	≥2000 MΩ
DC Discharge Voltage	90 V
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 lb
Ground Connection	By Feedthrough or Screw Terminal
Recommended AWG	18 AWG ground wire



Ventev's TerraWave lightning arrestors have been evaluated for compliance with the Reduction of Hazardous Substances, RoHS 3 Directive 2015/863/EU and have been determined to not contain substances in excess of RoHS 3 Maximum Concentration Levels.