

Integrating cutting edge **transient protection** directly into bulkhead-style I/O connector designs, these compact arrestors are ideally suited to provide an easy and straightforward upgrade to any radio or RF System, new or existing!

These connectors offer a novel way of adding high-performance **Lightning, Static, or High-Speed EMP** transient protection to any radio chassis or system.



Common Features

- Extremely Compact
- Superior RF Performance
- Multiple Strike Capability
- Rugged and Waterproof
- High Quality
- Bi-Directional Protection

Compact Size for Easy Retrofitting!

- **Drop-In and Replace** Any Existing **Input/Output Connector!**
- Easily and Simply **Add Surge Protection** To Any Existing Design or Box
- Essentially **Zero Size, Weight, or Performance Penalty** compared to unprotected connectors.
- At the same time, the compact form factors available also makes these arrestors ideal for **any new and space-sensitive designs.**

Wide Range of Frequency and Connector Options

- **DC to 11GHz** covered, with Various Sub-Bands. Even if you are operating >11GHz, ask us about our standard solutions that cover up to **18GHz!**
- **Type N, TNC, SMA, MMCX, Wire Pigtail, and Crimp Termination** Available!

Any Threat Type or Transient Specification

- **Lightning** Surge Protection according to IEC61000-4-5, MIL-STD 461G and 464F, Motorola R56, RTCA DO-160G, and many others.
- **ESD/Static** Surge Protection according to IEC61000-4-2, MIL-STD 461G, MIL-STD 883, or similar.
- **High Speed EMP** Surge Protection according to MIL-STD 188-125, 461G, etc.

Stringent Environmental Specifications

Temperature Range	-40°C to +90°C
Temperature Shock	MIL-STD-202 107D /B-1 (25 cycles -65°C to
Dust and Waterproof	IEC 529 IP67 (dust-tight and waterproof 1 hr / 1
Moisture Resistance	MIL-STD-202 Method 106E (65°C/98% RH
Stress Screen	MIL-STD-202 Method 108 A/A (96 hours at
Salt Fog	MIL-STD-202 Method 101D /A (96 hours at
Vibration	MIL-STD-202 Method 204 /D (10Hz-2 kHz
Mechanical Shock	MIL-STD-202 Method 213B /A (50Gpk/11ms)

High Quality Materials and Finishes

Component	Material	Finish
Outer Parts	Brass*	Nickel*
Inner and Outer Contact	BeCu or Brass	Gold
Insulator	PTFE	-
Gasket	EPDM	-

*Stainless Steel and other Materials Available



Learn More About NexTek

Founded in 1986, NexTek designs and manufactures high performance coaxial arrestor products for various applications in the RF, Microwave, Electronics, Communications, and Power Industries.

NexTek products are used by government, commercial, military, and industrial customers in the areas of aerospace, wireless communications, medical, natural resources, electronic warfare, missile defense, and space sectors...just to name a few of many examples!

Additional Information and Links

[Compact Coaxial Protection - Home Page](#)

[RF Lightning Protection - Home Page](#)

[Contact NexTek, Inc Directly](#)

[Domestic U.S. Sales Contacts - Map and List](#)