

Spike Guard Gas Tube Protector

This female-male, spike guard gas tube protector is built to provide dependable lightning protection while delivering excellent VSWR and superior RF performance characteristics.

PCT-GT-NFM-AL



Features

- High surge current capability
- High power configurations available (plus over minus symbol here) 60 VDC pass configurations available (DT models)
- Weatherized
- Multi-strike capability

Standards and Certificates

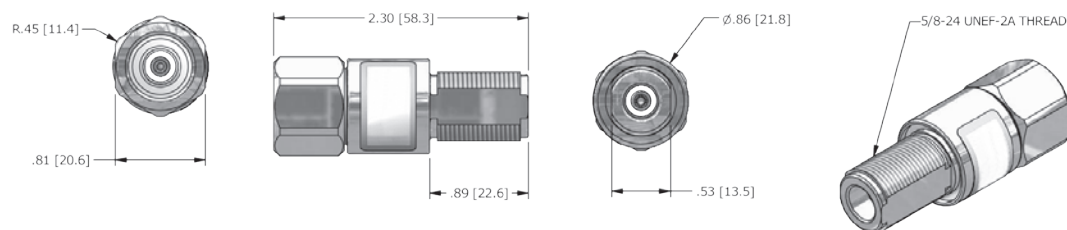
- IEC 61000-4-5

Technical Data

Line Voltage	50 VDC Max
Protected Side Connector	N Female
Turn On Voltage	150 VDC (spark over)
RF Power	90 W/CW @ 30 MHz 9 W/CW @ 3 GHz

Mechanical Specifications

Model	PCT-GT-NFM-AL
Frequency Range	DC to 7.0 GHz
VSWR	DC to 3.0 GHz @ $\leq 1.1:1$ dB DC to 4.0 GHz @ $\leq 1.2:1$ dB DC to 7.0 GHz @ $\leq 1.4:1$ dB
Insertion Loss	DC to 4.0 GHz @ ≤ 0.10 dB DC to 7.0 GHz @ ≤ 0.25 dB



CONTACT US

**For more information about
this product contact us**

> pctel.com/contact

Solving Complex Wireless Challenges

PCTEL is a leading global provider of wireless technology solutions, including purpose-built Industrial IoT devices, antenna systems, and test and measurement products. Trusted by our customers for 29 years, we solve complex wireless challenges to help organizations stay connected, transform, and grow.



PCTEL, Inc.

T: +1 630 372 6800 | pctel.com

Specifications subject to change without notice. Bluetooth® is a registered trademark of Bluetooth SIG. ©2023 PCTEL, Inc. All rights reserved. (May 2023)