



SPLINE BALL TERMINAL® (SBT®)

Advanced Air Terminal Technology

The Spline Ball Terminal from *Lightning Eliminators* offers a superior alternative to standard air terminals for new or existing lightning protection systems.

Unlike traditional lightning rods designed only to collect, the SBT is engineered to both reduce the risk of direct strikes and function as a highly efficient air terminal.

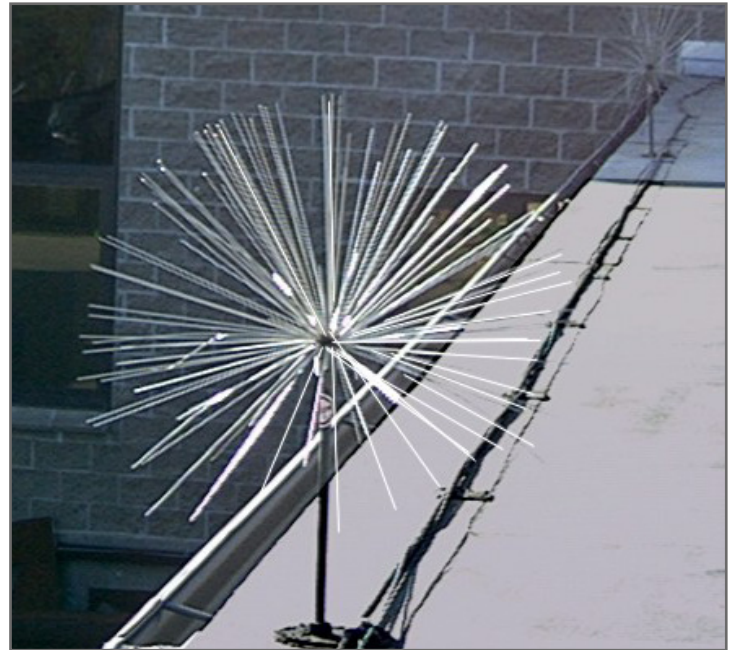
Hybrid Protection

In its primary mode, the SBT lowers the risk of direct strikes through a phenomenon known as charge transfer, where a well-grounded point exchanges ions between the air and earth. This ionizing capability helps keep the local electric field below lightning potential, making the protected site less likely to experience direct strikes.

During intense storm activity, the SBT functions as a highly effective air terminal, safely collecting any strikes it cannot prevent. The SBT's unique design and geometry also enable it to collect an incoming strike from virtually any direction, creating a larger area of protection than standard air terminals that rely on a single point.

The SBT Advantage

- Hybrid protection
- Easy installation
- Stainless steel construction
- Light weight, low wind profile
- Minimizes risk to property and personnel
- UL listed replacement for standard terminals



The UL listed Spline Ball Terminal is an off-the-shelf product that mounts easily in existing hardware, offering a simple and inexpensive way to improve the performance of standards-based systems. For use in any **UL 96A**, **NFPA 780**, or **Master Label** installation.

Achieving Complete Protection

The SBT is ideal for applications requiring basic risk reduction or for use as a building block toward complete lightning prevention in an integrated solution.

We are a full service consulting firm aligned to solve your most complex challenges in lightning protection, grounding, and surge suppression. Visit www.lecglobal.com to learn more.



© Copyright LEC, Inc. 2009 • Rev 03/09