

INSTALLATION GUIDE

Lightning Arrestor

For your safety and protecting your EndRun GPS devices and other equipment from static discharge, EndRun provides Lightning Arrestors. These devices must be earth-grounded to provide protection. The purpose of this document is to provide guidance for installing and grounding these devices.

Products Available from EndRun



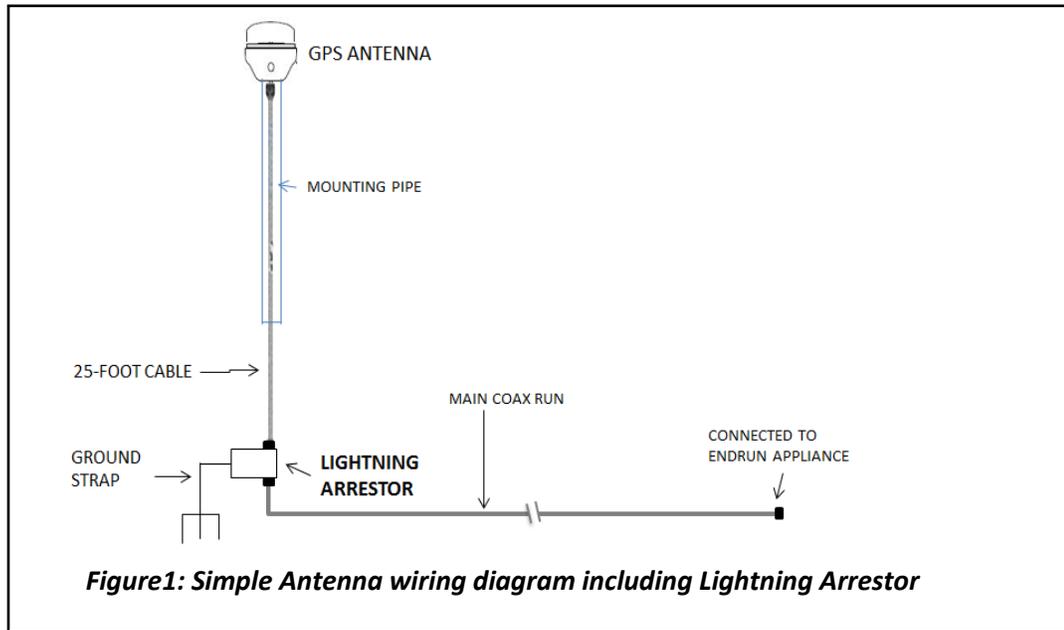
4011-0011-000 Lightning Arrestor Kit
(Includes 25' Coax Cable)
0502-0009-001 Lightning Arrestor



4011-0012-000 Lightning Arrestor Kit,
TAA Compliant (Includes 25' Coax Cable)
0502-0028-001 Lightning Arrestor,
TAA Compliant

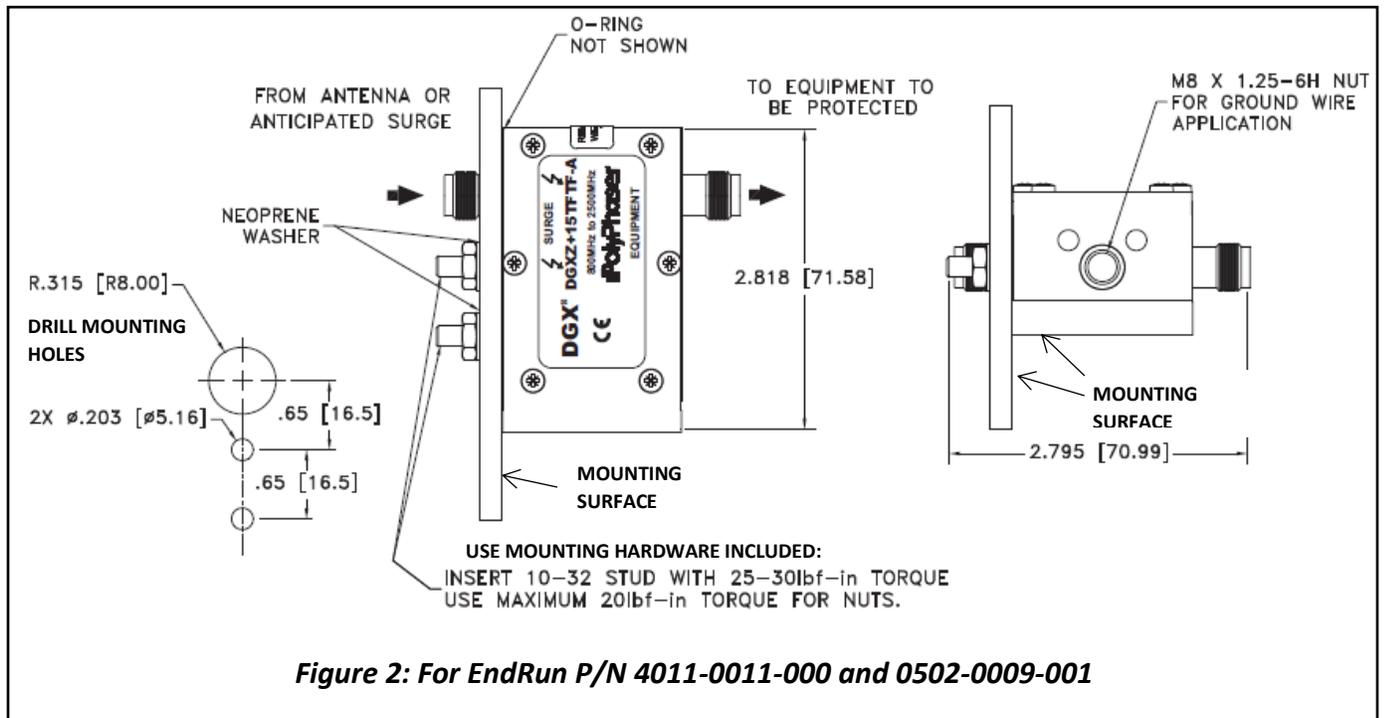
Installing your Lightning Arrestor

1. **Survey the Installation Area.** Survey your rooftop for earth grounded surfaces or terminals close to the antenna cable's entry point into your building. The installation location should be safe from lightning strikes and severe weather. If you are not familiar with earth-ground resources on your rooftop or building, you should get in touch with your building superintendent or get help from a reputable electrician.



2. **Install the device.** The LA can be installed on a metal surface using the mounting hardware provided. Sometimes installing the Lightning Arrestor (LA) in a small liquid-tight enclosure may be appropriate.

4011-0011-000/0502-0009-001 When connecting the coax, refer to Figure 2 to identify which port must face the antenna and which port must face the equipment. The provided 10-32 studs and nuts can be used to install the LA to a surface or enclosure plate. If the surface is metallic and properly earth-grounded, a grounding wire will not be needed. Otherwise the LA must be grounded with a 10 or 12 AWG wire.



4011-0012-000/0502-0028-001 When connecting the coax, refer to Figure 3 which shows the included TNC-F to TNC-F adapter. Both connector ports are equally protected. Either port can face the antenna or either port can face the equipment. This Lightning arrester can be mounted to a surface or enclosure plate with the included mounting bracket. A ground strap must be connected to the grounding terminal shown in Figure 3.

