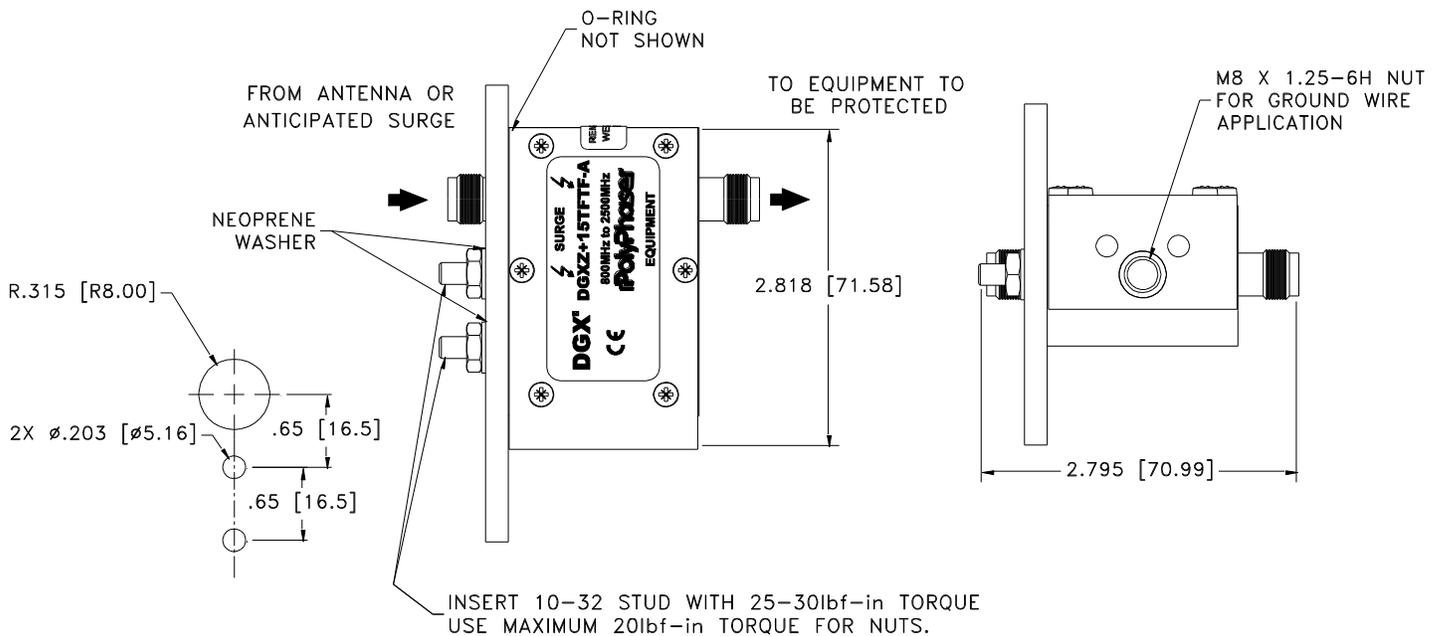


IMPULSE SUPPRESSOR INSTALLATION

PLEASE READ BEFORE INSTALLING DGXZ+15TTF-A

The DGXZ+15TTF-A is used as a transmit and/or receive unit with dc voltage up to 15Vdc to power up a receive only Preamp generally located the top of the tower at the antenna. Maximum average RF power use is 300 watts. Connect this unit in the direction it is labeled. The dc circuit has spike protection to suppress spikes over +16.5V to the dc Power Supply. This DGXZ+15TTF-A is capable of 20,000 Amp maximum surges and has a frequency range of 800MHz to 2.5GHz.



IT IS VERY IMPORTANT THIS UNIT BE GROUNDED TO A LOW IMPEDANCE (LOW R AND LOW L) GROUND SYSTEM IN ORDER TO WORK PROPERLY. When attaching grounding stud (M8), use maximum of 88.5 lbf-in.[10 N-m] of torque. We strongly recommend this ground be interconnected to the tower ground and power ground to form one system. To minimize the "in-air" interconnect inductance to the ground system since skin effect is present, use as straight and as large a surface area strap as possible. Keep bends to 8.0" [203.2mm] radius or larger.

The transmission line is only one means of having damaging impulse energy enter your equipment. We strongly recommend power line and data line protectors be used on the equipment.

WARNING- Do not connect during a storm! Do not connect when transmissions are occurring! Do not stay in an area that has operating equipment in an electrical storm!

These commodities or technology are exported from the U.S. in accordance with the Export Administration Regulations. Diversion contrary to U.S. law prohibited.