

IMPULSE SUPPRESSOR INSTALLATION

PLEASE READ BEFORE INSTALLING

RGT-ME

COAXIAL

Impedance: 50 Ω .
 Connectors: 'N' Female.
 Power @ Freq.: 50 Watts @ 10.0MHz decreasing linearly to
 10W @ 2.0GHz.

Frequency Range @ VSWR: dc to 2.4GHz @ $\leq 1.28:1$ VSWR.
 Insertion Loss @ Frequency Range: dc to 2.4GHz @ ≤ 0.25 dB.
 dc Turn-on and Polarity: ± 180 Vdc center pin to ground.
 dc Continuity: dc continuous.

APPLICATION

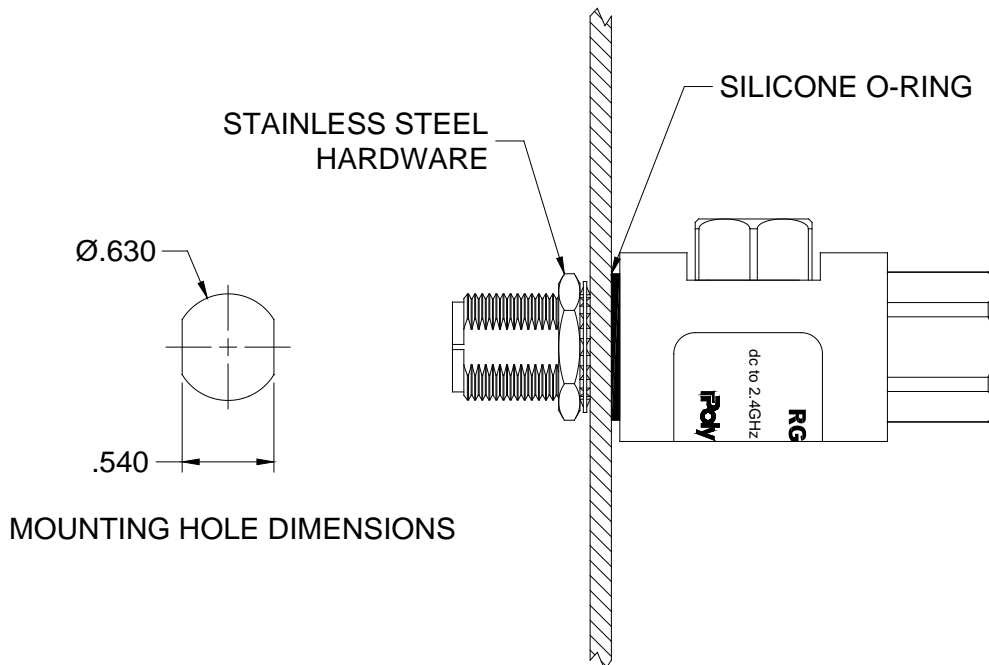
Transmit, Transceive or Receive:
 Transceive, Bi-directional.

Special Installation:

Designed for double-D bulkhead
 mounting.

Weatherproof.

Replaceable gas tube.



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, use maximum of 20 lbf-in. [2.26 N-m] of torque on 10-32 hardware. 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 recommend power line and data line protectors be used on the equipment.

WARNING- Do not connect when a storm is near! Do not connect when transmissions are occurring! Do not stay in an area that has operating equipment in an electrical storm! The impulse suppressor may save the equipment from danger, but it cannot keep you or anyone else safe in the area!

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