

IMPULSE SUPPRESSOR INSTALLATION
PLEASE READ SHEET BEFORE INSTALLING

RGT

COAXIAL

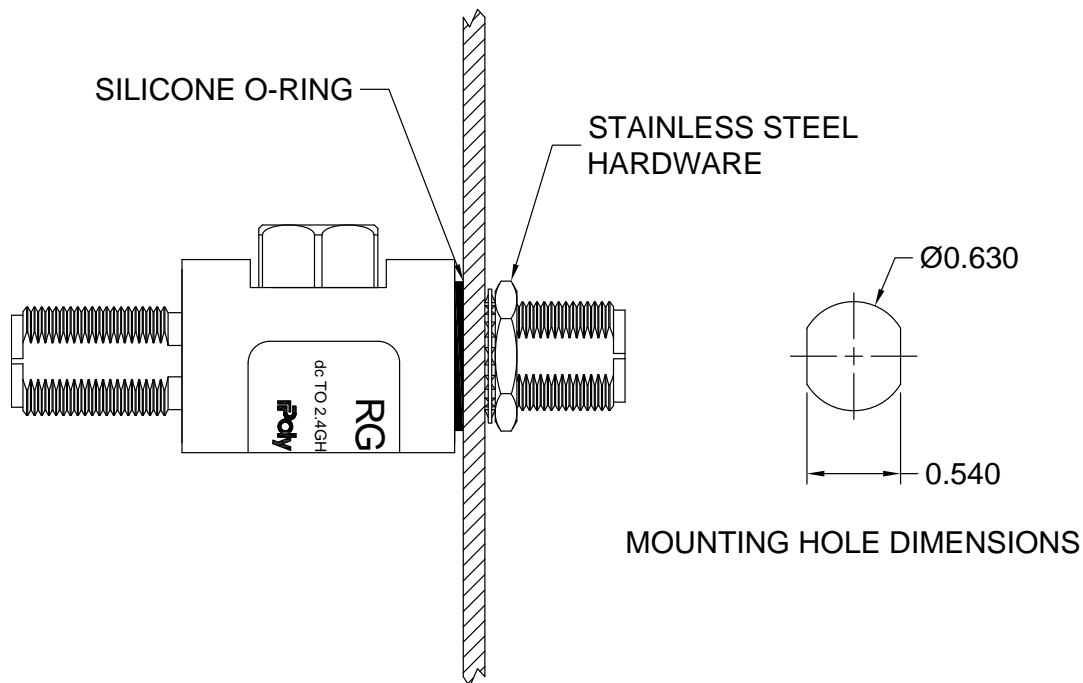
Impedance: 50 Ω.
Connectors: Female 'F'.

Power @ Freq.: 50 Watts @ 10.0MHz decreasing linearly.
Frequency Range @ VSWR: dc to 2.4GHz @ ≤1.25:1 VSWR.
Insertion Loss @ Frequency Range: dc to 2.4GHz @ ≤0.25dB.
dc Turn-on and Polarity: ±180Vdc 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. N connector mating torque of 15-20 lbf-in. [1.70-2.28 N-m] MAX. 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 telephone 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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