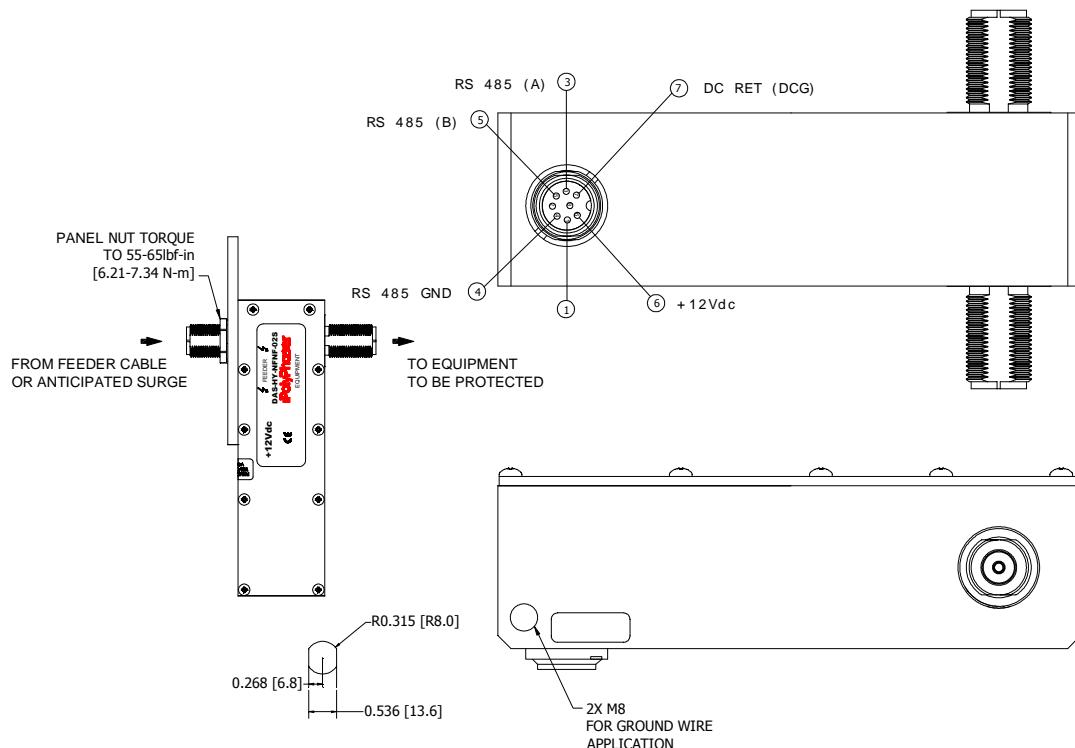


IMPULSE SUPPRESSOR INSTALLATION DAS-HY-NFNF-02S

The DAS-HY-NFNF-02S is located near the top of the tower at the antenna. This unit accepts RF power, RS 485 telemetry, and +12Vdc for tower top electronics. Maximum average RF power use is 750 Watts. Connect the Feeder port to the tower coax line. The dc circuit has spike protection to suppress spikes over +14Vdc. This DAS-HY-NFNF-02S is capable of 40,000 Amp maximum surges and has a frequency range of 800MHz to 2.5GHz. RS 485 telemetry carrier @ 2.176MHz.



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. "N" mating connector torque is 15-20 lbf-in. [1.70-2.26 N-m]. 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" [20.32mm] radius or larger.

The transmission line is only one means of having damaging impulse energy enter your equipment. We strongly recommend power line and telephone 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!

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