

RF Surge Device Installation Sheet

This document provides typical mounting and grounding methods for “VHF”, “VUF”, “GPS+”, “SX”, “GT”, “GX”, and TSX Families.

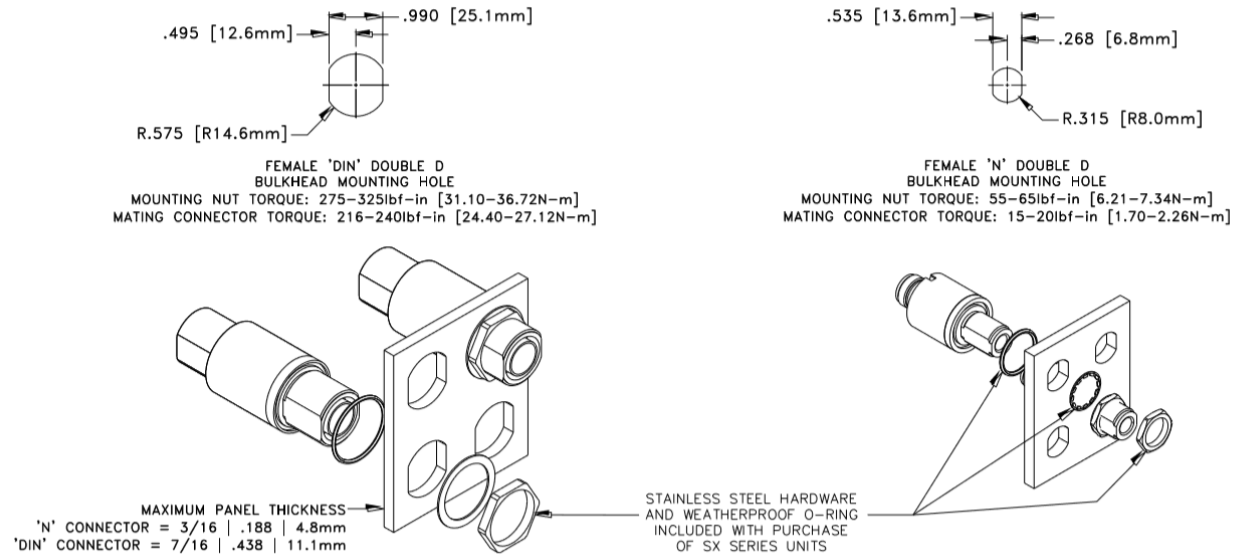
Typical Bulkhead Mounting

Image #1 provides Typical Bulkhead Mounting for DIN type connectors (on left) and N Type connectors (on right).

Note: Mounting Hardware is typically included for all families of RF Surge Devices.

Image #1

TYPICAL BULKHEAD MOUNTING



Typical Flange Mounting

Image #2 provides Typical Flange Mounting for DIN type connectors (on left) and N Type connectors (on right).

Note: The **BFD or BFN Flange Adapters** are factory supplied with **GT and GTH Surge Protectors ONLY**.

Note: Stainless Steel Hardware Included with Purchase of BFD or BFN Adapter.

Image #2

TYPICAL FLANGE MOUNTING

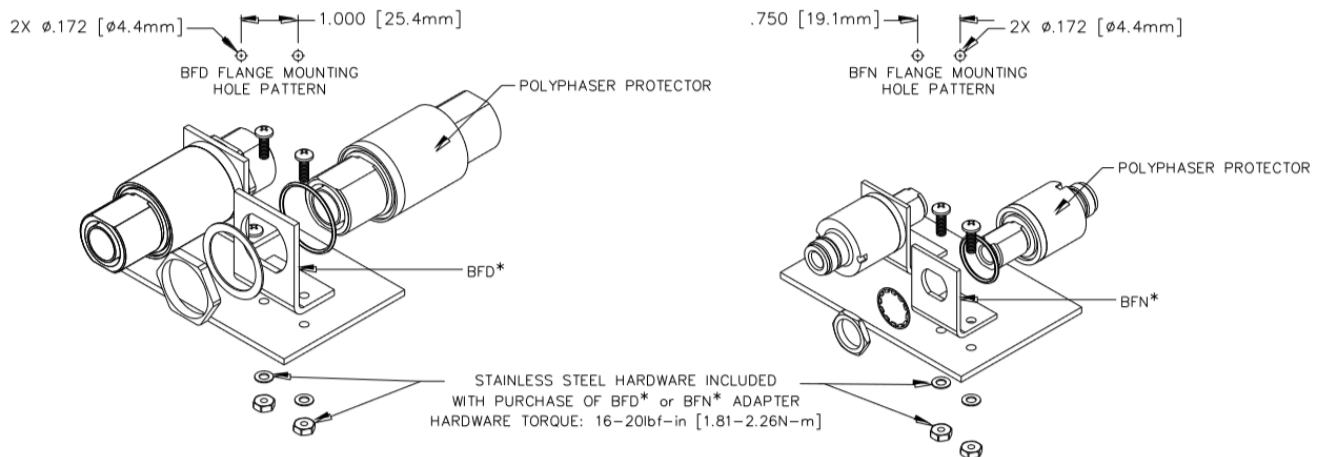


Image #3 provides typical picture of Part Number “BFN” to be used with specific RF Surge Devices.

Note: Part# BFN has two flat parallel edges (Double-D Hole) to accommodate the similar shape N Female connector (GT, GX, TSX, DT, VHF50, and VUF50 Families as needed; sold separately for other Families).

Image #4 provides typical picture of Part Number “BFD” to be used with DIN type RF Surge Devices.

Image #3



Image #4



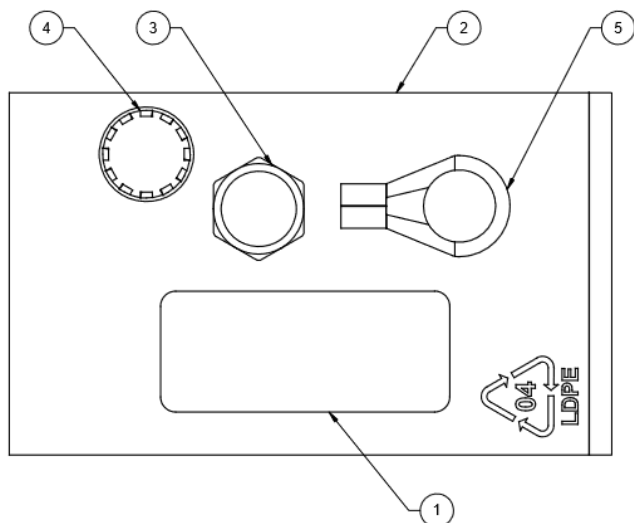
Grounding with BFN or BFD

The BFN or BFD bracket can be used with a 19mm or 3/4 inch 2-hole lug as shown. The bracket allows for multiple grounding configurations. Hardware for grounding a lug, and the lug itself are not included with the bracket, or with the protection device and should be purchased separately.

Image #5 identifies the grounding kit for bulkhead installation (N connectors), with hardware description.

The Part Number if this KIT is 9100-0350, which can be purchased separately

Image #5



- #1 = LABEL BAR CODE PRINTED
- #2 = POLYBAG 3x5 2MIL
- #3 = NUT 5/8-24 303 HEX SS
- #4 = WASHER 5/8 410 SS
- #5 = RING TERM 5/8” STUD 6AWG

Image #6 shows the hardware kit (Part Number 9100-0522) that comes with the 4.3-10 TSX units for mounting and grounding.

Typical kit used for bulkhead applications. Grounding accomplished with Ring Terminal and #6 AWG.

Image #6

- Item #1 = NUT M20 X 1 SS
- Item #2 = WASHER .82ID FLAT SS
- Item #3 = SILICONE O-RING 019
- Item #4 = LABEL BAR CODE PRINTED
- Item #5 = POLYBAG 3X5 2MIL
- Item #6 = RING TERM 6 AWG DIN .82" ID

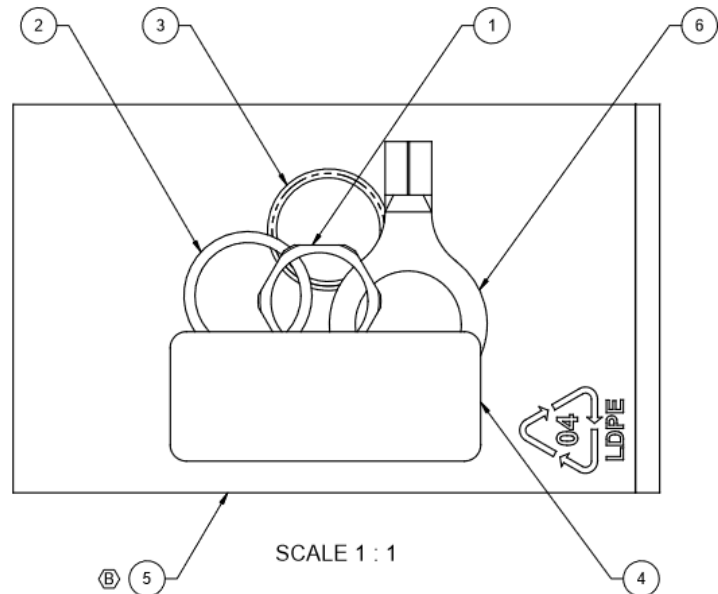
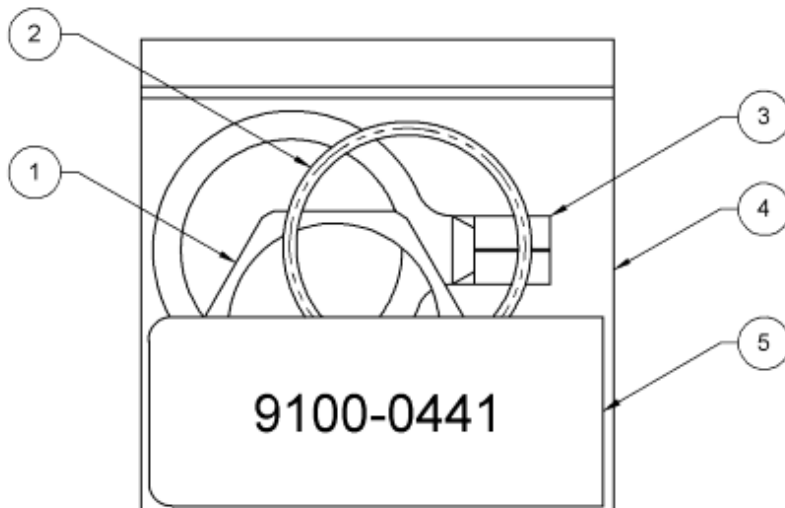


Image #7 shows the typical hardware kit (Part Number 9100-0441) that comes with the 7/16 DIN units.

Grounding can be accomplished with the provided Ring Terminal and #6 AWG

Image #7



- Item #1 = NUT M29 X 1.5 SST DIN
- Item #2 = O-RING 025 SILICONE
- Item #3 = RING TERM 6AWG DIN 1.5"ID
- Item #4 = POLYBAG 2.5 X 2.5 IN 1.5 MIL ROLL
- Item #5 = LABEL BAR CODE PRINTED

Ground Strap Adapter Plate Mounting

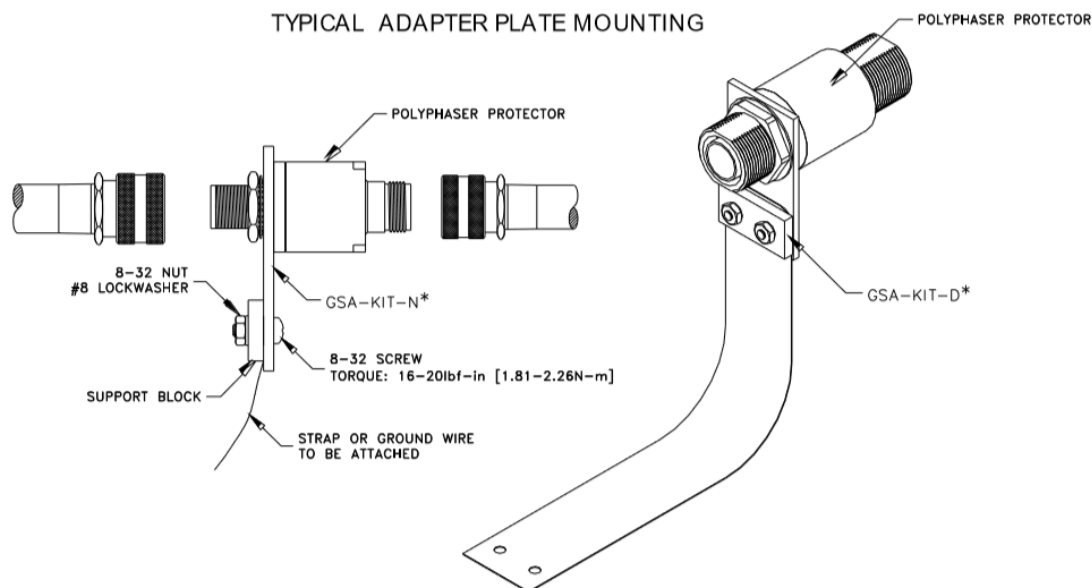
Image #8 provides Typical Ground Strap Adapter Plate Mounting Capabilities for RF Surge Protection Devices.

Note: Ground Straps ARE NOT supplied with any RF Surge device, and MUST be purchased separately.

Note: Ground Strap Adapter Kit is available for SX (DIN) and SX (N) Type connectors.

Note: Copper Strap (from 25 foot to 100 foot long) (from 1.5 inch, 3 inch, and 6 inch widths) can be purchased separately on the PolyPhaser website. No smaller diameter than 6 AWG or 1.5" wide solid copper strap.

Image #8



*GSA-KIT-N or GSA-KIT-D ADAPTER PLATES ARE NOT SUPPLIED WITH PROTECTOR

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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