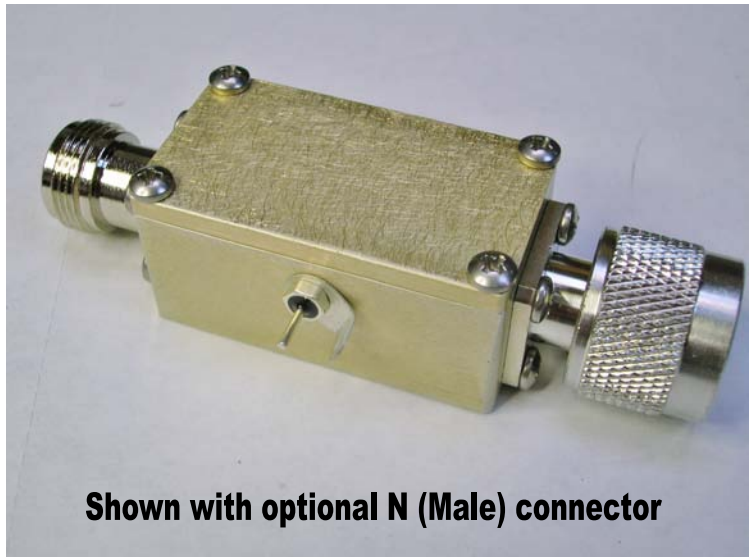


## DEM BT or BTL Bias "T", DC Power inserter

The DEM BT or BTL is a Bias "T" (DC power inserter) manufactured within our standard LNA enclosure. Our new standard design utilizes a lower loss circuit board material to eliminate loss and improve return loss through the circuit. The standard specifications are listed below. The BT's can be ordered with SMA, BNC, TNC or type "N" connections or any combination of connectors desired. Male type connectors (as show to the right) will have an optional charge applied. Please review the basic schematic below for operation. Custom versions of this model may be manufactured on request. Please consult DEMI with your specifications.



### Specifications

Frequency range:	<b>BT:</b> 1.0 - 5.0 GHz <b>BTL:</b> 1 - 13000 MHz
Max Power Input:	<b>BT:</b> 5 Watts <b>BTL:</b> 10 Watts
DC requirements:	100 Volts DC maximum @ 1 Amp
Connectors:	SMA, BNC, TNC or Type N
Enclosure Size:	1.8" L x " 1.0W x 0.9" H (less connectors)
Minimum Return loss	>20 dB, each direction

