

High-Power Bias “T” Coaxial Power Inserter

COBHAM

The most important thing we build is trust.

GMS Bias “T” is used to either insert or extract up to 20 Amps of DC power to/from an antenna cable. The Bias “T” consists of a feed inductor to apply DC to the coax line, and a blocking capacitor to keep DC off the RF-only side of the device. This small economical Bias “T” provides low insertion loss, low passband ripple, and wide bandwidths through the RF path. Our Bias “T” is designed for rugged use and operates from -20 to +70 °C with up to 100% humidity



This product is compatible with GMS' line of power amplifiers and remotely mounted RF modules!

Specifications:

Frequency Range:	1.0 GHz to 3.0 GHz
Insertion Loss (typical/max):	<0.5 dB / 0.75 dB
Impedance:	50 ohm
WSWR in/out (typical/max):	<1.7:1 / 2:1
Ripple (typical/max):	< 0.2 dB / 0.3 dB
Maximum Voltage:	500 Working Volts DC
Maximum Current:	20 Amp
Connectors:	N female & PTO2E-8-4P
Size:	3.0" x 1.5" x 1.0" 7.62 cm x 3.81 cm x 2.54 cm
Weight:	0.275 lbs 124.75 grams
Temperature:	-20° to +70° C
Humidity:	100%

Specifications subject to change without prior notice
Typical values shown unless min or max is specified
100-DS0101X2 02/12/09 1 of 1

1916 Palomar Oaks Way, Suite 100 Carlsbad, CA 92008
Tel. (760) 496-0055 gms-sales@cobham.com
Fax. (760) 496-0057 GMS PRODUCTS

www.cobham.com/gms