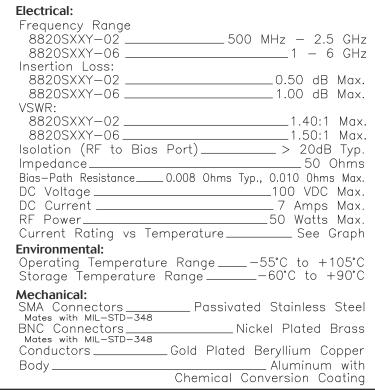
## **BIAS TEES**

SMA, up to 6 Ghz, 100 Volts / 7 AMPS

### SPECIFICATIONS:

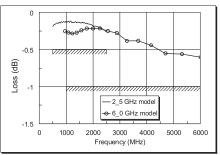
RoHS Compliant

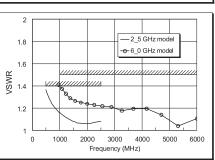
Models: 8820SMFX-0Y, 8820SFFX-0Y, 8820SMMX-0Y, 8820SFMX-0Y

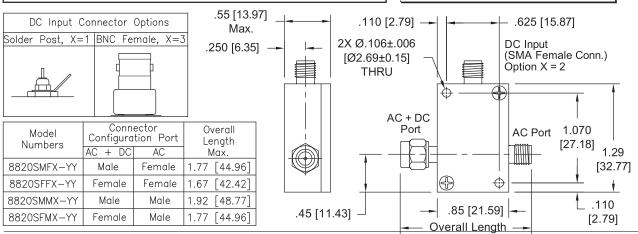




Typical performance of 2.5 and 6.0 GHz units.







#### HOW TO ORDER:

Model Number: 8820SXXY-ZZ

Base Number

DC Connector Type -

1 = Solder Post 2 = SMA Female Conn. 3 = BNC Female Conn. └Frequency Range

02 = 500 MHz to 2.5 GHz06 = 1 to 6 GHz

Ordering Examples:

Model Number: **8820SFF2-02**500 MHz — 2.5 GHz, SMA Fem/Fem
SMA Female DC Connector Type

Model Number: 8820SMF1-06 1 - 6 GHz, SMA Male/Fem Solder Post DC Connector Type

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only. Design, specifications are subject to change without notice. Contact factory for technical specifications before purchasing and/or use.

8820S: REV G

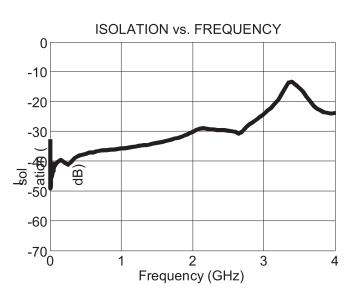


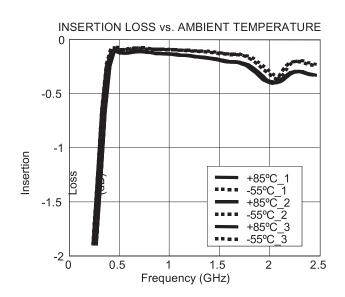
#### PROPRIETARY NOTICE

THE INFORMATION CONTAINED
IN THIS DRAWING IS PROPRIETARY
AND SHALL NOT BE USED OR
DISCLOSED WITHOUT THE PRIOR
WRITTEN PERMISSION OF
AEROFLEX/INMET INC.

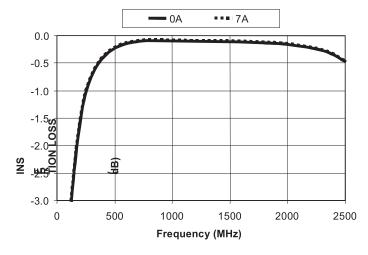
REVISIONS								
LTR	DESCRIPTION	DATE	DCN NO.					
G	SEE REVISION HISTORY	4/21/10	10-00086					

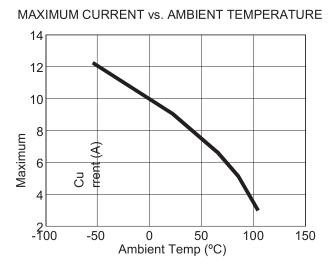
# Typical performance of 2.5 GHz unit.





#### **INSERTION LOSS vs. FREQUENCY UNDER LOAD**





NOTE: DIMENSIONS IN BRACKETS ARE EXPRESSED IN MILLIMETERS AND ARE FOR REFERENCE ONLY.

UNLESS OTHERWISE SPECIF DIMENSIONS ARE IN INCH TOLERANCES				<b>AEROFLEX</b>		300 DINO DRIVE ANN ARBOR, MI 48103 TELEPHONE (734) 426-5553			
DECIMAL	ANGULAR ±	CHECKED	DATE	INMET				426-5557	
.XX ± .01		ACB	8/12/02	TITLE:		OUTLINE DRAWING,			
.XXX ± .005 DO NOT SCALE DRAWING		ENGINEERING EA	8/12/02	BIAS TEE, SMA CONNECTORS					
MATERIAL:		MANUFACTURING RB	9/6/02	2.5 & 6.0 GHz, 100 V., 7A 8820SXXZ—YY SERIES					
FINISH		QUAL. ASSURANCE	3/0/02	SIZE	FSCM	NO.	DWG. NO.		
		RFF	9/3/02	$\mid A \mid$	646	71	882	20S	
SIMILAR TO	WEIGHT (gr)	marketing RG	9/6/02	SCALE F	TULL	RELEASE	DATE	SHEET 2	<sup>0F</sup> 2