



# MICROWAVE COMPONENT

## L-BAND BIAS TEE



### SPECIFICATIONS

#### DC Input

<b>Voltage</b>	0V to 30V		
<b>Current</b>	BUC / LNB Connector	- F:	2A max.
		- N:	3A max.
		- SMA:	3A max.
<b>Operating Temperature</b>	-30 to +50°C		
<b>Storage Temperature</b>	-40 to +70°C		
<b>Dimensions (L x W x H)</b>	105 mm x 55 mm x 25 mm (4.1 in x 2.2 in x 0.9 in)		
<b>Weight</b>	170 g (5 oz)		

#### L-band Pass Through

<b>Pass-band</b>	950 - 2150 MHz (N, SMA) 950 - 1450 MHz (F)
<b>Insertion Loss</b>	1 dB max. 7 dB max. with 50/75 ohms transformation
<b>Input VSWR</b>	2.0 : 1 max.
<b>Output VSWR</b>	2.0 : 1 max.

#### 10MHz Pass Through / 10 MHz Injection (Optional)

<b>10MHz Pass Band</b>	10 - 100 MHz
<b>Insertion loss maximum</b>	1 dB

### APPLICATIONS

- Provides DC Supply to high power BUC (DC Power Supply separate) incase modem cannot supply sufficient power
- Allows up to 3A of current injection in N-Connector Model
- Passes L-band signal
- Passes or Injects 10 MHz Reference Signal

### HOW TO ORDER

## BT-1188

10 MHz INJECTION *	0 - No Connector * (10 MHz pass through)
DC CONNECTOR **	** (DC pass through)
BUC / LNB CONNECTOR	1 - N (Female) - 50 Ohm 2 - F (Female) - 75 Ohm 3 - SMA (Female) - 50 Ohm 8 - BNC (Female) 9 - TNC (Female)
IF CONNECTOR	1 - N (Female) - 50 Ohm 2 - F (Female) - 75 Ohm 3 - SMA (Female) - 50 Ohm 4 - N (Male) - 50 Ohm
BIAS TEE SERIES #	





## MECHANICAL DIAGRAM

