



MICROWAVE COMPONENT

BIAS TEE BT-100008

SPECIFICATIONS

L-band Pass Through:

Pass-band	900 - 3500 MHz
Thru Loss	0.5 dB max.
Return Loss	20 dB min.
Thru Loss above 1200MHz	2.1 - 3.4 GHz, 0.7 dB max 3.4 - 4.2 GHz, 1.5 dB max
Ripple	±0.3 dB max.
Input VSWR	1.3 : 1 max.
Output VSWR	1.3 : 1 max.

10MHz Injection:

Passband	1-100 MHz (3 dB down)
Thru Loss	0.3 dB 10MHz to LNB port max
Isolation	>90 dB 10MHz to Rx port

DC:

Filtering	Hash filter, low pass filter
Resistance	0.132 ohms (average) Power is on the center pin

Power Capacity:

Voltage	12V to 24V DC
Current	2.5A

Connectors:

BUC / LNB Connector	N-Type
IF Connector	N-Type
DC Connector	SMA
10 MHz	SMA

Environmental & Mechanical:

Operating Temperature	-40 to +60°C
Relative Humidity	Up to 100% condensation and frost

Dimensions with Connector (L x W x H)

3.425 x 3.8 x 0.88 in

Weight

170 g (5 oz)

Mounting holes

3/8" (5mm) Accepts standard rack
mounting screws 10/32 or 10/34

MECHANICAL DIAGRAM

