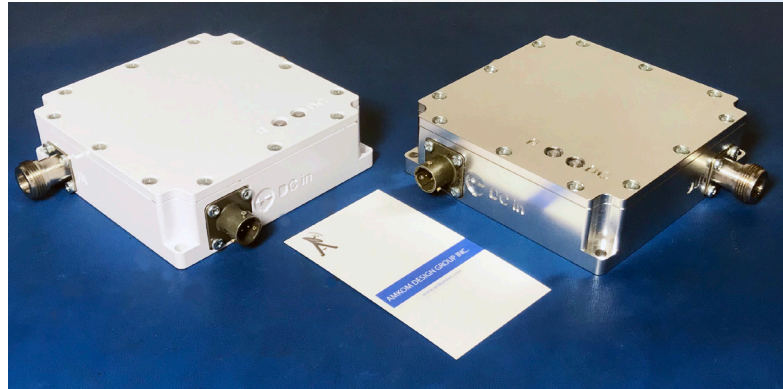


## OUTDOOR / INDOOR High Stability 10MHz Reference Bias Tee for BUC or LNB

### Features:

- ◆ Super Compact, Robust & Mountable
- ◆ IFL Powered or External 12 - 60VDC up to 5A
- ◆ 10MHz Ref. AUTO SENSE & DETECT
- ◆ Pass - through DC, IF (L-Band), FSK, Int./Ext. Ref
- ◆ LED DC Power & Internal Reference Indicators
- ◆ Hermetically Sealed & IP 67 Rated
- ◆ Internal Polarity Protection
- ◆ Low Insertion and Return Loss
- ◆ Built - in DC filters
- ◆ 3 Year Warranty



TECHNICAL SPECIFICATIONS		Internal 10MHz Ref. Spec.	
IF Input Signals Pass through	IF (L-Band), FSK, and 10MHz Ref. Internal/External	Stability $\pm 1 \times 10^{-8}$ maximum over temp.	
IF Frequency Input	950 to 2150 MHz	Aging $\pm 1 \times 10^{-8}$ /year maximum	
FSK Frequency Input	550 - 750 kHz	Phase noise (SSB)	
External Auxiliary DC Input Range	12 to 60 Vdc, up to 5A	100 Hz	-140 dBc / Hz (max.)
DC Input Connector	2 Pin, Pin A (+)   Pin B (-)	1 kHz	-150 dBc / Hz (max.)
Reference Input	10 MHz (Internal/External)	10 kHz	-155 dBc / Hz (max.)
Insertion Loss IF	0.8 dB max over temp	100 kHz	-165 dBc / Hz (max.)
Insertion Loss FSK	1.5 dB max over temp	10MHz Output Level	5dBm $\pm 2$ dBm
Insertion Loss 10MHz	0.8 dB max over temp	Warm-Up Time at 25° C	<2 min
Coax Input / Output Connector	N-type / N-type	Total Power Consumption	3W Max
Operating   Storage Temperature	- 40 to + 60 °C   - 60 to + 85 °C	<b>10MHz Reference Auto Sense &amp; Detect Function:</b>	
Relative Humidity	100% non-condensing	If 10MHz Reference on the input is absent or below -5dBm the internal 10MHz reference will be applied on the output and the LED will light up yellow. DC input LED will be lit Green.	
Weatherproof Rating	Compliant with IP 67		
Dimensions (No Connectors)	4" x 4" x 1.2" inches (101.2 mm x 103 mm x 30 mm)		
Weight	1.0 lbs (450 g)		

