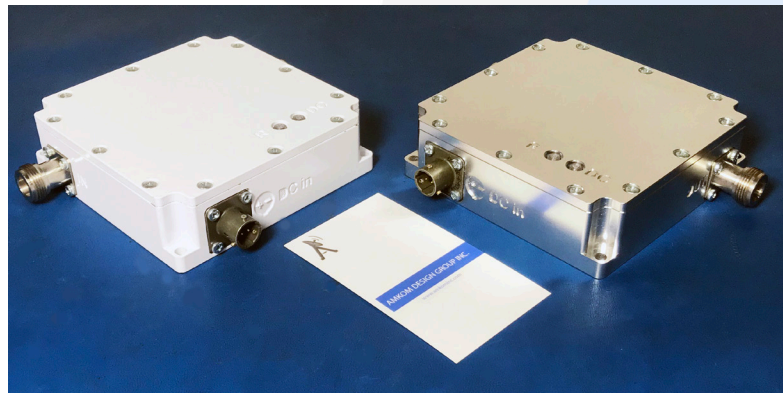


OUTDOOR / INDOOR High Stability 10MHz Reference Bias Tee for BUC or LNB

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
- ◆ IP 67 Compliant
- ◆ Internal Polarity Protection
- ◆ Low Insertion and Return Loss
- ◆ Built - in DC filters



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 ± 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	10MHz Reference Auto Sense & Detect Function: 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.	
Relative Humidity	100% non-condensing		
Weatherproof Rating	Compliant with IP 67		
Dimensions (No Connectors) Weight	4" x 4" x 1.2" inches (101.2 mm x 103 mm x 30 mm) 1.3 lbs (590 g)		

