

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

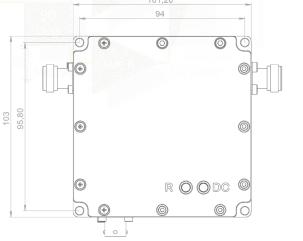


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TECHN	ICAL SPECIFICATIONS	
IF Input Signals Pass through	IF (L-Band), FSK, and 10MHz Ref. Internal/External	
IF Frequency Input	950 to 2150 MHz	
FSK Frequency Input	550 - 750 kHz	
External Auxilary DC Input Range	12 to 60 Vdc, up to 5A	
DC Input Connector Reference Input Insertion Loss IF Insertion Loss 10MHz Coax Input / Output Connector Operating Storage Temperature Relative Humidity Weatherproof Rating	2 Pin, Pin A (+) Pin B (-)	
	10 MHz (Internal/External)	7
	0.8 dB max over temp	10N
	1.5 dB max over temp	Warm
	0.8 dB max over temp	Total P
	N-type / N-type	1084
	- 40 to + 60 °C - 60 to + 85 °C	_ 10M
	100% non-condensing	If 10
	Compliant with IP 67	-5dBm the out
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)	- the out

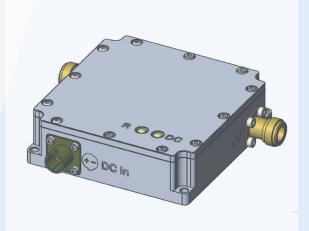
	Internal 10MHz Ref. Spec.				
	Stability ±1 x 10–8 maximum over temp.				
	Aging ±1 x 10–8/year maximum				
	Phase noise (SSB)				
	100 Hz	-140 dBc / Hz (max.)			
	1 kHz	-150 dBc / Hz (max.)			
	10 kHz	-155 dBc / Hz (max.)			
	100 kHz	-165 dBc / Hz (max.)			
	10MHz Output Level	5dBm ±2 dBm			
	Warm-Up Time at 25° C	<2 min			
	Total Power Consumption	n 3W Max			

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.







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