

Request A Quote

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
- ♦ 3 Year Warranty

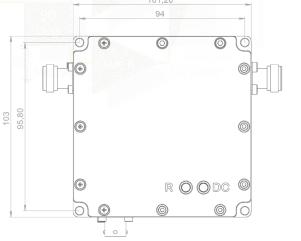


TECHN	ICAL SPECIFICATIONS		
IF Input Signals Pass through	IF (L-Band), FSK, and 10MHz Ref. Internal/External		
IF Frequency Input	950 to 2150 MHz		
FSK Frequency Input	550 - 750 kHz		
External Auxilary DC Input Range	12 to 60 Vdc, up to 5A		
DC Input Connector	2 Pin, Pin A (+) Pin B (-)		
Reference Input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

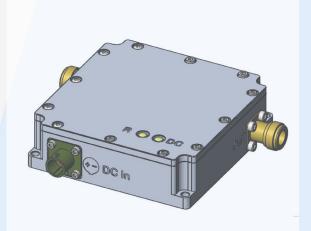
	Internal 10MHz Ref. Spec.			
	Stability ±1 x 10–8 maximum over temp.			
	Aging ±1 x 10–8/year maximum			
	Phase noise (SSB)			
	100 Hz	-140 dBc / Hz (max.)		
7	1 kHz	-150 dBc / Hz (max.)		
	10 kHz	-155 dBc / Hz (max.)		
	100 kHz	-165 dBc / Hz (max.)		
	10MHz Output Level	5dBm ±2 dBm		
	Warm-Up Time at 25° C	<2 min		
+	Total Power Consumption	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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