



# Bias Tee with 10MHz Reference

## KEY FEATURES

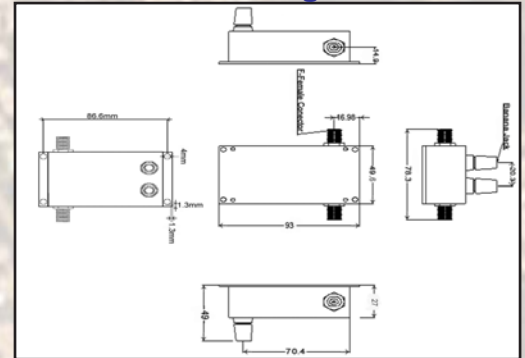
- ◆ Bandwidth 950 MHz to 2 GHz
- ◆ IF passed through
- ◆ Selectable power source
- ◆ High stability ( $10^{-8}$ ) 10 MHz injection
- ◆ Up to 6 Amps DC input
- ◆ 15-64 VDC power input
- ◆ “N” or “F” RF interface options
- ◆ Three year warranty

## ABT6ARSN / ABT6ARSF



This small and efficient unit provides 10MHz high stability ( $10^{-8}$ ) reference and DC supply to a BUC in case a modem neither cannot supply sufficient power nor 10MHz reference. The unit passes L-Band signal and injects 10MHz reference signal or up to 6A DC current.

## Mechanical Drawing



TECHNICAL SPECIFICATIONS	
RF frequency	950 MHz to 2 GHz
Voltage	15 – 64 VDC
Current	6 Amps max
10MHz ref. stability	$10^{-8}$
Insertion loss	0.9 dB max @10MHz 0.9 dB max @950MHz – 2.0 GHz
RF interface	
ABT6ARSF	From modem & to BUC: F-type
ABT6ARSN	From modem & to BUC: N-type
DC interface	Banana jack
Impedance	
ABT6ARSF	75 ohms
ABT6ARSN	50 ohms
Temperature range	
operating	-40 deg C to +65 deg C
storage	-40 deg C to +75 deg C
Dimensions	93 (L) x 49.6 (W) x 27 (H) mm
Weight	247 g max

## Power Source Switch

