



Bias Tee with 10MHz Reference

KEY FEATURES

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

ABT6ARN / ABT6ARF



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

TECHNICAL SPECIFICATIONS

RF frequency	950 MHz to 2 GHz
Voltage	15 – 64 VDC
Current	6 Amps max
10MHz ref. stability	10^{-8}
Insertion loss	1.0dB max @10MHz 1.0dB max @950MHz – 1.45GHz
RF interface	
ABT6ARF	From modem & to BUC: F-type
ABT6ARN	From modem & to BUC: N-type
DC interface	Banana jack
Impedance	
ABT6ARF	75 ohms
ABT6ARN	50 ohms
Temperature range	
operating	-40 deg C to +55 deg C
storage	-40 deg C to +75 deg C
Dimensions	94 (L) x 49.5 (W) x 26 (H) mm
Weight	247 g max

Mechanical Drawing

