



Bias Tee with 10MHz Reference

KEY FEATURES

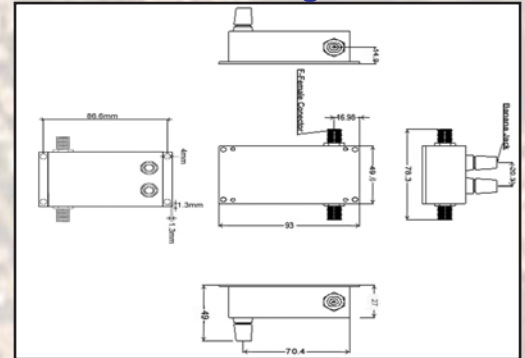
- ◆ Bandwidth 950 MHz to 2 GHz
- ◆ IF passed through
- ◆ Selectable power source
- ◆ High stability (10^{-8}) 10 MHz injection
- ◆ Up to 6 Amps DC input
- ◆ 15-64 VDC power input
- ◆ “N” or “F” RF interface options
- ◆ Three year warranty

ABT6ARSN / ABT6ARSF

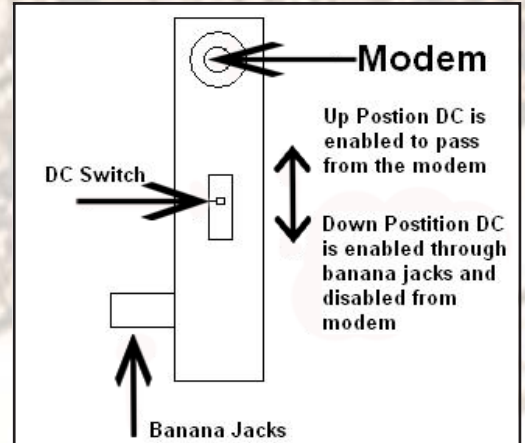


This small and efficient unit provides 10MHz high stability (10^{-8}) reference and DC supply to a BUC in case a modem neither cannot supply sufficient power nor 10MHz reference. The unit passes L-Band signal and injects 10MHz reference signal or up to 6A DC current.

Mechanical Drawing



Power Source Switch



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 ABT6ARSF ABT6ARSN | From modem & to BUC: F-type From modem & to BUC: N-type |
| DC interface | Banana jack |
| Impedance ABT6ARSF ABT6ARSN | 75 ohms 50 ohms |
| Temperature range operating storage | -40 deg C to +65 deg C -40 deg C to +75 deg C |
| Dimensions | 93 (L) x 49.6 (W) x 27 (H) mm |
| Weight | 247 g max |