



## **BAND PASS FILTER** (Model No.: ABF - 905)

### **GENERAL DESCRIPTION:**

The ABF-905 is a Band Pass Filter that reduces the interference of CDMA carrier frequency (or) intermodulation products introduced by closely located CDMA transmitter on GSM-900 system. The pass band frequency range of the filter is 896-915MHz. The filter is matched to function in a 50 ohms environment.

### **ELECTRICAL SPECIFICATIONS:**

- |                             |                      |
|-----------------------------|----------------------|
| 1) PASS BAND FREQUENCY:     | 896 - 915 MHz        |
| 2) PASS BAND INSERTION LOSS |                      |
| I/L @ 896 - 915 MHz:        | 0.60 dB (Typical)    |
| 3) REJECTION @ 890 MHz:     | 55.0 dB (Min)        |
| 4) RETURN LOSS:             | 18 dB (Min)          |
| 5) CONNECTORS (In/Out):     | N - Female           |
| 6) IMPEDANCE (In/Out):      | 50 ohms              |
| 7) TEMPERATURE:             | +10 to +40 deg C     |
| 8) DIMENSIONS:              | 182 X 84.6 X 80.5 mm |
| 9) WEIGHT:                  | 2.1 Kg (Approx.)     |

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