Universal Modem-to-Antenna Adaptor

Product code: A-ADPT-026

This device couples to the modem internal antenna signal and diverts it to a booster antenna thereby ensuring better signal reception and ultimately better data throughput.

The coupler is slid over the modem (see photos). You then connect the other end of coupler to one of our booster antennas via the SMA (female) connector. The booster antenna can be mounted on the outside of the building and pointed toward your closest cellular base station to ensure good reception.

Features:
- Works with most USB and express card Modems
- Lightweight
- Robust

Application:
- Connecting any cellular modem to a high gain antenna for improved range and data throughput.
### Specifications:

**Product Code:**
- A-ADPT-026
- 0.5m RG174 with SMA type (f) connector

**Electrical:**
- **Frequency:** 700-1000 and 1700-2800 MHz
- **VSWR:** < 6:1 (coupled)
- **Coupling Loss (min over band):** 4 dB
- **Coupling Loss (max over band):** 7 dB
- **Nominal input impedance:** 50 Ohm

**Mechanical:**
- **Dimensions (l x w x t):** 45 mm x 36 x 22 mm
- **Weight:** 20 g
- **Mounting:** Slide over modem

**Environmental:**
- **Temperature Range:** -20°C to +70°C
- **Shock:** 40G at 10 msec
- **Thermal Shock:** -20°C to +70°C:10 cycles

**Measured VSWR**

![VSWR graph]

**Coupling to internal modem antenna**

![Coupling graph]