

# Universal Modem-to-Antenna Adaptor

Product code: 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 communications.

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 to your closest cellular base station to ensure good reception.

## Features:

- Works with most USB and express card Modems

- Lightweight

- Robust

## Application:

Connecting any 3G/HSDPA modem to a high gain antenna for improved range and communication.

**Specifications:**

**Product Code:**  
ADPT-026

0.5m RG174 with SMA type (f) connector

**Electrical:**

Frequency  
VSWR  
Coupling Loss (min over band)  
Coupling Loss (max over band)  
Nominal input impedance

880-960 and 1710-2170 MHz  
< 6:1 (coupled) < 10:1 (free space)  
-4 dB  
-7 dB  
50 Ohm

**Mechanical:**

Dimensions (l x w x t)  
Weight  
Mounting

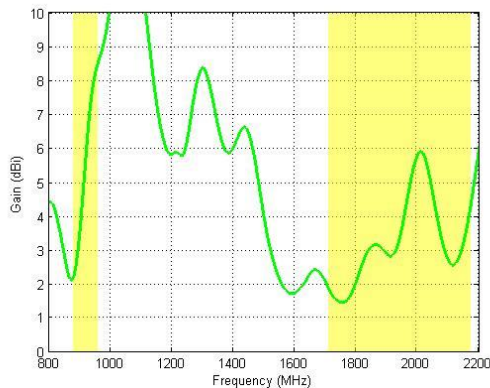
45 mm x 36 x 22 mm  
20. g  
Slide over modem

**Environmental:**

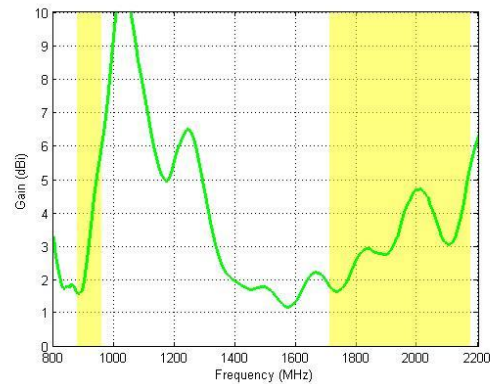
Temperature Range  
Shock  
Thermal Shock

- 20° C to +70° C  
40G at 10 msec  
-20° C to +70° C:10 cycles

**Measured VSWR**



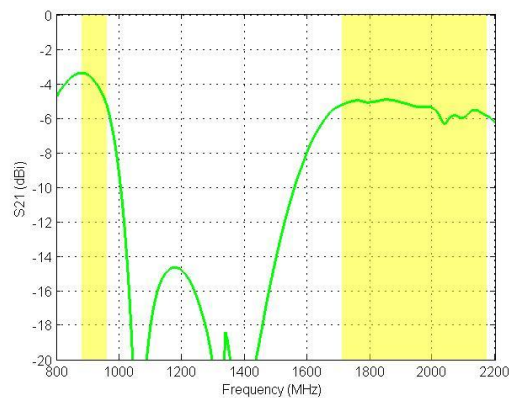
VSWR (free space)



VSWR (coupled)



Connected



Coupling Loss to internal modem antenna