

# Universal Phone-to-Antenna Adaptor

880-960 & 1710-2170 MHz

**Product Code:** A-ADPT-024-V2

The adaptor consists of a flat plastic pad with a 50 cm cable that terminates in a SMA (female) connector. The plastic sleeve, that looks similar to a cellphone battery, encloses a device that is able to couple to a cellphone and divert it to a booster antenna thereby ensuring better reception.

The pad of the coupler is placed against the top of the phone. (The coupler is supplied with a small piece of Velcro that you can use to ensure a more secure connection to your phone). You then connect the other end of the coupler to one of our booster antennas via the SMA (female) connector. The booster antenna can be mounted on the outside of a building and pointed in the direction of your closest cellular base station to ensure good reception.



## WHERE DO YOU USE THIS?

LTE

3G

GSM

WIMAX

WIFI

GPRS

EDGE

HSPA

CDMA2000

EVDO

**ELECTRICAL:**

Frequency in MHz:	880 - 960
	1710 - 2170
VSWR (Coupled):	< 3:1
VSWR (Free Space)	< 5:1
Coupling Loss (Min over band)	- 4dB
Coupling Loss (Max over band)	- 7dB
Front to Back:	10dBi
Nominal Input Impedance:	50 Ohm
Polarisation:	Linear

**MECHANICAL:**

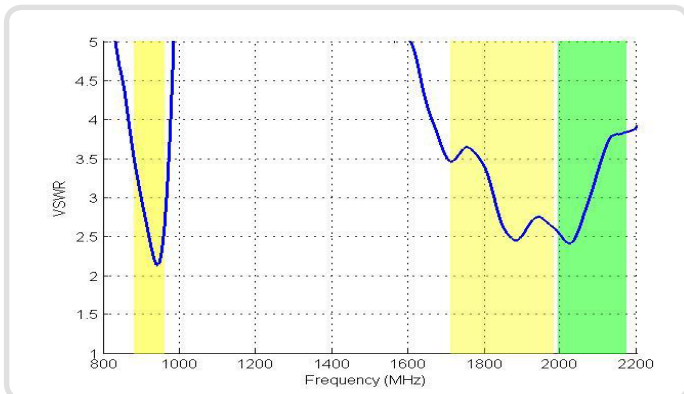
Dimensions (L x W x D):	80 mm x 45 mm x 15 mm
Packaged Dimensions:	120 mm x 50 mm x 23 mm
Weight:	29 g
Packaged Weight:	38 g

**ENVIRONMENTAL:**

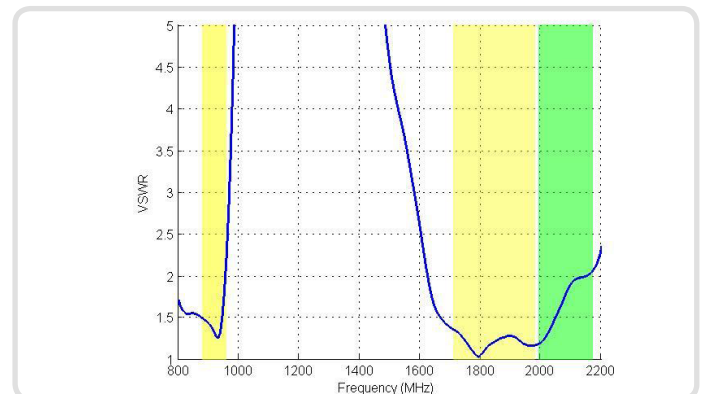
Wind Survival:	120 km/h
Temperature Range (Operating):	-20°C to +50°C
Thermal Shock:	—
Water Ingress Rating:	IP65

**INCLUDED WITH PRODUCT:**

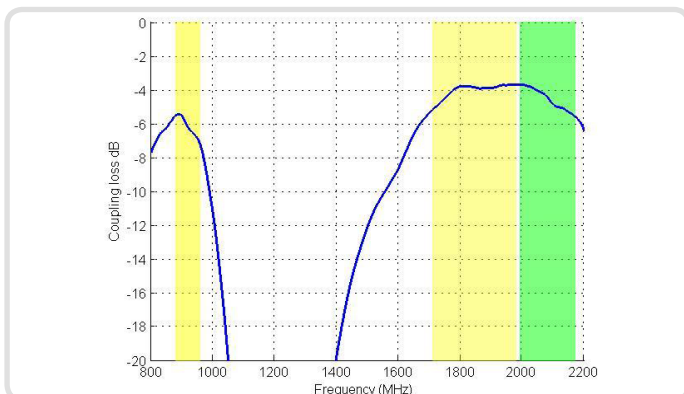
Mounting Bracket:	Velcro
Cable Length:	0.5 m RG174
Connector:	SMA (f)

**PLOTS:**

VSWR (free space)



VSWR (coupled)



Coupling loss to Huawei E220 Antenna