

Section 5

**CELLULAR MOBILE PHONE ANTENNAS**

Updated 23 June 2011

**OGI-EPH401 On-Glass Inside Vehicle  
Multiband NEXT G, GSM and 3G  
Mobile Phone Antenna**

**Frequency**  
824 – 960 MHz  
1710 – 2170 MHz

**Bandwidth**  
NEXT G, GSM and 3G  
combined



This on-glass antenna sticks to the inside of a vehicle windscreen and will improve cellular mobile phone reception and transmission range while travelling.

The OGI-EPH401 antenna offers these significant features :

- **Multiband coverage** of all the cellular mobile phone networks operating around Australia; NEXT G, GSM and 3G.
- **Small and inconspicuous.**
- **Simple installation**, no bracket, no holes, no screws. Just peel and press the adhesive single side tape to the inside of the screen, route the cable and connect to the mobile phone car kit.
- **The antenna is secure inside your vehicle.** No external parts means the possibility of damage and vandalism are minimised. The car wash is no longer a worry !



SPECIFICATIONS	OGI-EPH401
Cellular Mobile Phone Network Coverage	NEXT G, GSM and 3G networks combined
Frequency Range	824 – 960 MHz and 1710 – 2170 MHz 800 / 900 / 1800 / 1900 / 2100 MHz
Gain	1.5 dBi
VSWR	Better than 1.5:1
Tuning	Factory
Impedance	50 Ohms
Dimensions	106.5 mm long x 10.6 mm wide x 4.5 mm high
Weight	45 grams including cable
Polarisation	Omnidirectional
Wave	Half wave dipole
Cable	3 metres standard
Connector	Fakra Type D (Plum / Maroon) connector fitted
Overmold Housing	ABS Black
Mounting	Single side tape
Operating Temperature	-40°C to +80°C
Storage Temperature	-40°C to +80°C

