

### DATASHEET

SKU: 02445G

## Benelec Window Patch Antenna, 900MHz

This exciting new product has been designed and made in the USA. The antenna itself is less than 1mm thick and is installed either in the front left corner of the windscreen or in the middle of the rear window in the vehicle.

Being totally internal, the antenna offers several unique features not available in regular "on-glass" antenna designs, while providing similar or better performance than "on-glass". There are no external antennas to break or lose, theft and vandalism of the antenna become a thing of the past and the local car wash no longer poses a problem for the unknowing user. Wind noise produced by on-glass designs is often annoying and eliminated by the "Cellular Patch". The Patch is cable fed therefore does not experience the same losses in signal that a through glass design is exposed to. The multi-polarization means the antenna picks up signals that are vertically or horizontally polarized (i.e., spurious signals). The multi-polar system uses an advanced, copper-etched serpentine array contour design that significantly improves performance under adverse polarity conditions. All up, the "Cellular Patch" is a top performing antenna offering features that ensure you will have clear reliable performance from your cellular phone. Seeing is believing, buy one and try it out yourself, you won't be disappointed.



### APPLICATIONS

Next G / CDMA & NEXT G / GSM

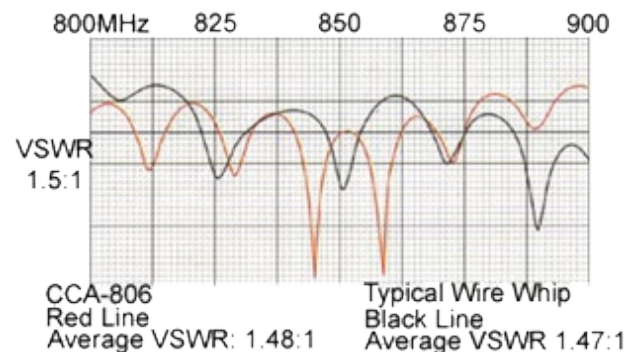
### TUNING

The antenna needs to tune (during installation) to a desired transceiver operating frequency

### FEATURES

- 3.0dB Gain
- Virtually Invisible when installed
- Multi-polarization Improves Reception
- Easy installation, no damage to vehicle
- Eliminates Theft & Vandalism to Antenna
- Internal Installation Eliminates Wind Noise
- Car Wash Problems Eliminated
- Designed & Made in the USA

### VSWR



### SPECIFICATIONS

Frequency:	824-895 MHz AMPS / 890-960 MHz GSM
Gain:	3dB
Efficiency:	65-75 %
Bandwidth:	100 MHz
Width:	90 mm
Operating VSWR:	< 1.5:1
Height:	90 mm
Vertical Beamwidth:	180 Deg
Depth:	0.33 mm
Horizontal Beamwidth:	360 Deg
Finish:	Anti-corrosive coating
Maximum Power:	35 Watts
Radom Material:	Mylar

### PACKAGING

190 mm x 235 mm Poly Bag,  
one antenna per bag @ 260 gm

### WARRANTY

3 years (Please refer to [Benelec Terms & Conditions](#))

Website: [benelec.au](http://benelec.au)