

## Part No 0294101F GPS, Fakra C Blue Internal Glass Mount Antenna

This antenna provides the best GPS reception in an easy and practical mounting method. The antenna is smaller than a matchbox and when fitted to a windscreen is unobtrusive. The compact design outperforms other antennas of similar size, without sacrificing GPS sensitivity. GPS performance is 28dB, with 5dBi antenna gain. The GPS circuitry has a low 1.5dB maximum noise figure with excellent filter characteristics. The antenna element points outside the window. Power is also supplied to the GPS amplifier through the single cable. This model can also be used for other mounting applications, or hidden for covert use. The products can be mounted on a front or rear windshield.



### Application

For car navigation, logistics positioning etc.

### Tuning

No further tuning required

### Features

- ✓ Fakra C blue straight female
- ✓ High performance GPS 28dB active amplifier
- ✓ Internal vehicle mounting protects the GPS Antenna
- ✓ Fast and simple mounting to a window with adhesive base
- ✓ Separate low profile internal cabling for easy headliner installation and routing

### Mounting

Front or Rear windshields.

### Warranty

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

### Specifications

<b>Frequency GPS:</b>	1575.42 MHz	<b>Cable Length:</b>	LMR100 5m
<b>Bandwidth:</b>	10 MHz	<b>Dimensions:</b>	46 x 36 x 15mm
<b>GPS Gain:</b>	28dB $\pm$ 3dB amplifier, 5dBi Antenna	<b>Weight:</b>	50g
<b>Impedance:</b>	50 $\Omega$ (Nominal)	<b>Connector:</b>	Fakra C blue straight female
<b>Operating VSWR:</b>	< 1.5:1	<b>Mounting:</b>	3M paste
<b>Voltage:</b>	3-5 VDC	<b>Operating Temp:</b>	-40/+60°C
<b>Polarisation:</b>	RHCP	<b>Humidity:</b>	5 ~ 95%
<b>Max Power:</b>	50W	<b>Waterproof:</b>	IPX6

### Packaging

Poly Bag – each.

50 pcs / Carton @ **G.W.** 6 kg