

### OZU Series UHF Vehicle On-Glass Mount

Frequency  
**390 – 520 MHz**

Gain  
**5.1 and 2.1 dBi**



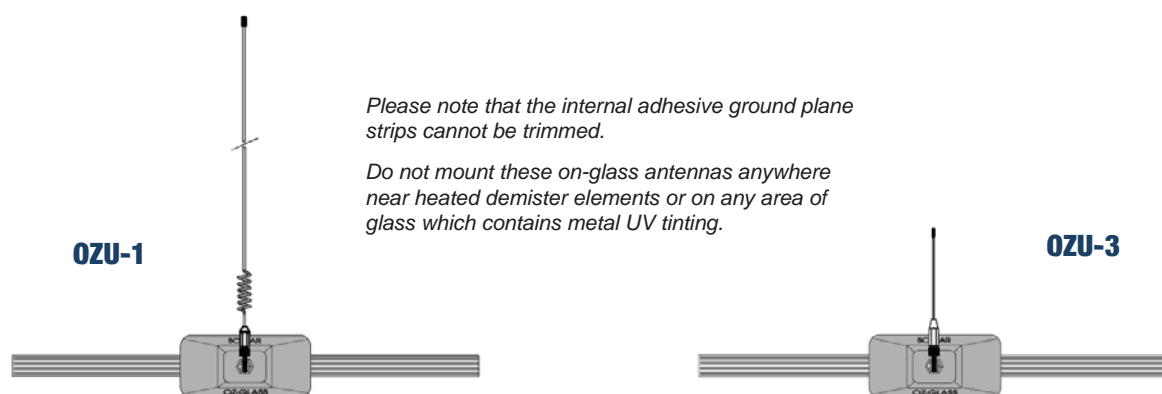
A vehicle on-glass mount UHF CB radio antenna is a popular alternative to other bracket mounted antennas. For the frequency range 390 to 520 MHz, these OZU models can be trimmed in the field to the desired centre frequency using the tuning capacitor inside the internal junction box and an SWR meter.

Designed and manufactured in Australia by ZCG Scalar, construction consists of a UV resistant thermoplastic pivoting antenna base with a black powder coated stainless steel whip.

- ⇒ **OZU-1** offers a 15 MHz bandwidth and 5.1 dBi gain.
- ⇒ **OZU-3** can be tuned to a 20 MHz bandwidth and delivers 2.1 dBi gain.

The kit includes alcohol wipes, adhesive pads and a 4.5 metre RG58 low loss stranded cable set with Mini-UHF connector to fit the internal junction box. A connector to suit your radio is available to order separately.

An Installation Guide is provided with each on-glass antenna.



*Please note that the internal adhesive ground plane strips cannot be trimmed.*

*Do not mount these on-glass antennas anywhere near heated demister elements or on any area of glass which contains metal UV tinting.*

SPECIFICATIONS	OZU-1	OZU-3
<b>Construction</b>	UV resistant thermoplastic pivoting antenna base with a black powder coated stainless steel whip	
<b>Frequency Range</b>	<b>390 to 520 MHz</b>	<b>390 to 520 MHz</b>
<b>Max Bandwidth</b>	<b>Any 15 MHz</b>	<b>Any 20 MHz</b>
<b>Tuning</b>	Tune in the field using capacitor and SWR meter	
<b>VSWR</b>	Less than 2:1	Less than 2:1
<b>Gain</b>	<b>5.1 dBi</b>	<b>2.1 dBi</b>
<b>Whip Type</b>	5/8 Wave	1/4 Wave
<b>Whip Height</b>	56 cm	23 cm
<b>Maximum Power</b>	50 Watts	50 Watts
<b>Impedance</b>	50 Ohms	50 Ohms
<b>Polarisation</b>	Vertical	Vertical
<b>H-Plane</b>	360° Omnidirectional	360° Omnidirectional
<b>Cable Supplied</b>	4.5 metres of RG58 low loss stranded cable with Mini-UHF connector fitted one end to suit the internal junction box	
<b>Connector</b>	None supplied. Select and order as required.	
<b>Kit Weight</b>	300 grams	300 grams
<b>Installation Kit Contents</b>	Black SS whip, pivoting mounting base, 3 mm allen hex key, 4.5 metre RG58 cable set, alcohol glass wipes, adhesive pads, installation and tuning guide	

To allow easy transfer from vehicle to vehicle, or to replace damaged components, OZU re-installation kits are available.