



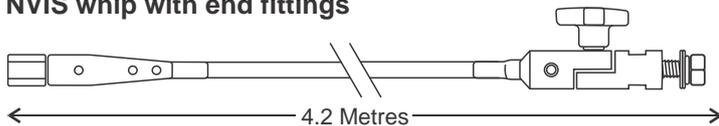
Whip options for the 2019 Automatic tuning mobile antenna

NVIS Kit for 2019 antenna - P/N BCA201910

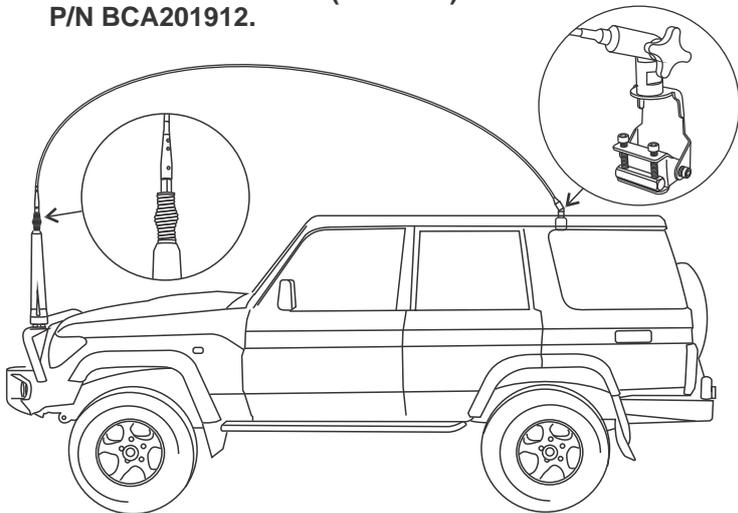
The Barrett Near Vertical Incidence Skywave (NVIS) antenna whip is designed to enhance the short range communications efficiency of the Barrett 2019 Automatic Tuning Mobile HF Antenna. The increased whip length combined with its horizontal orientation (once installed) provides a significantly higher take off angle and radiation efficiency. Communications paths over the range 20 - 500 kms, particularly in hilly and mountainous terrain, can be greatly improved through the use of the NVIS kit.

The NVIS kit comprises of a single flexible whip section of 4 metres in length. It attaches at one end to the 2019 antenna and the other end to the supplied Gutter Mount Bracket (P/N BCA201912). An optional NVIS Kit Magnetic Mounting Base (BCA201911) is also available and detailed below. The whip can also be secured to the vehicle without by using a custom made bracket with a 13mm hole (sourced by end user). This option may be preferable if the vehicle is fitted with a roof rack for example.

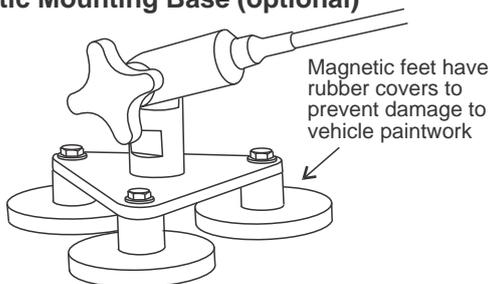
NVIS whip with end fittings



Example of front antenna mounting using Gutter Mount Bracket (included) P/N BCA201912.



NVIS Kit Magnetic Mounting Base (optional) P/N BCA201911



Specifications NVIS whip antenna

Antenna Length 4.2 metres overall
Antenna Weight 2.8 Kg
Colour Matt Black UV stabilized
Packing Size L75 x W75 x H7.5 cm
Packing Weight 3.0 Kg

Specifications are typical. Equipment descriptions and specifications are subject to change without notice or obligation.

Extendable Whip - P/N BCA201909

The extendable whip provides a low profile option to the standard two piece whip. This low profile whip option can be of benefit in areas where the antenna length needs to be adjusted frequently because of physical overhead interference like low branches or low slung power cables etc.

The main body is blackened stainless steel and the extendable whip element in plain stainless steel fit telescopically inside. It is locked and unlocked from its position by way of a hand turn-able turn lock fitting as shown below. The extendable whip provides the same 2019 the same antenna specifications as the standard two piece whip. The collapsed length is 810 mm and the extended length is 1560 mm with a weight of 0.43 kg.

