

BENELEC

Professional Wireless Products

029323 Body Mount 2.4GHz Antenna



Warranty

Benelec, (Seller) warrants to buyer that the products for a period of two years from the date of shipment will be free from defects of material and workmanship, and will be in accordance with specifications referred to herein. Seller's sole obligation under these warranties will be limited to either, at Seller's option and expense, repairing, or furnishing a replacement F.O.B. first point of shipment for the products or part thereof which Seller reasonably determines do not conform with these warranties, and Buyer's exclusive remedy of breach of any of such warranties will be enforcement of such obligations of Seller. THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF MERCHANTABILITY, FITNESS FOR PURPOSE AND OF ANY OTHER TYPE, WHETHER EXPRESSED OR IMPLIED. IN NO EVENT SHALL SELLER BE LIABLE FOR SEQUENTIAL DAMAGES, nor shall Seller's liability on any claims for damages arising out of or connected with the sales contract or the manufacture, sale, delivery or use of the products exceed the purchase price of the products. Any action for breach of warranty must be commenced within two years after the cause of action accrues.

Installation Instructions

Introduction

The Benelec 029323 antenna you have purchased is designed for superior electrical and mechanical performance. The 029323 antenna is compatible with several other supplier lines including Motorola TAD/TAE 19mm and the Larsen NMO Series.

Product Features/Mechanical

The 029323 antenna provide exciting and unique features that optimize assembly and operation. All Benelec antennas use superior spring loaded coaxial centre pins for optimal reliability.

Ground Plane and Location

Before installation of your Benelec antenna, it is important that you select a suitable location with an adequate ground plane. The 029323 antenna should not be used on Fibreglass vehicles unless a metal ground plane is added to the vehicle. Antenna location is the most important factor for proper performance. As high on a vehicle as possible should be used, preferably in the centre of the rooftop. This will provide the best Omni Directional coverage. The second choice would be the rear fender or boot/trunk lid.

Body Mounting Instructions

- Use a 19mm hole saw or appropriate punch at the location for mounting the antenna. Take care not to damage items on the underside of the body, or to dent the body around the location.
- Remove any loose material or burrs on both underside and topside of the hole. The 029323-antenna mount lip has serrated teeth, which should penetrate the pain/primer of most vehicles. However to ensure good contact, you may wish to remove any paint in a narrow band around the hole on the inside. Apply a thin coat of silicon gel to “O” ring on the connector mount and make sure it seals properly in the groove on the underside of the connector mount.

- From the top, feed the coax end of the antenna through the hole, as well as the serrated part of the mount. Secure the serrated portion of the mount up and onto the underside of the body/hole. This is most easily done, if the outer locking nut is loosely attached. Pulling up on the entire assembly, you should be able to secure the assembly snugly onto the hole.
- Tighten down the lock nut; making sure the “O” ring is properly sealed. Utilising a spanner wrench, or needle nose pliers, securely tighten down the outer lock ring. There is not a need to tighten the nut excessively, but you should not be able to displace the mount with medium pressure from your hand.