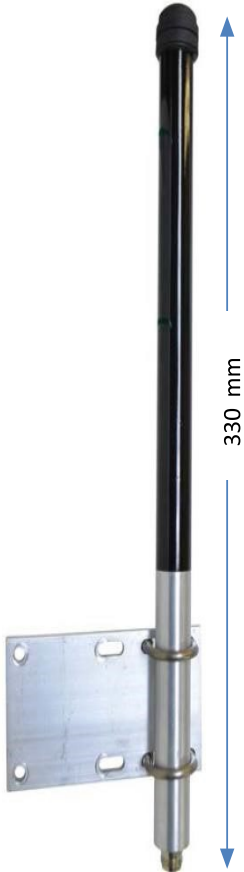


## DATASHEET

SKU: 029314BH

### 2.4GHz Band High Vibration Antenna, 5dBi

The model 029314DH antenna is an Omni directional 5dBi gain antenna for use in the 2400-2485MHz band. This antenna is optimized for use in a wide variety of wireless systems. It is usable in point to point, multi-point, and broadcast configurations. Typical uses include WLAN access points or bridge (802.11), and video surveillance transmitters. It has conformal foam dampening for heavy mining and construction.



#### APPLICATIONS

ISM data link applications & high vibration environment (mining, field construction, etc)

#### TUNING

Factory tuned – no further tuning required.

#### FEATURES

- Black Fiberglass Radome
- Foam Filled
- Fixed N female type connector
- Compact design

#### MOUNTINGS

Mast Mount Kit Included.

#### SPECIFICATIONS

Frequency & Gain	2400-2485MHz & 5150 – 5925MHz and 5dBi
VSWR	2:1 max over band
Impedance	50 $\Omega$
Max. Power (continuous)	100 watts
Vertical Beamwidth (-3db point)	25 degrees
Wind Velocity	200+ kph
Operating Temperature	-40 degree to + 85 degree
Connector	N female
Mounting Dimensions	Mast up to 64mm
Antenna Diameter	25mm
Length/Weight	430mm, 0.7kg
Material	Black Fiberglass with irradiated aluminium
Shock & Vibration	EN 300 019-2-4, IEC 60068
Water Ingress	IPx5

#### WARRANTY

12 months (Please refer to [Benelec Terms & Conditions](#))

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