

# DATASHEET

# **Benelec UHF Broadband Marine GPI Antenna** 380-490MHz

The 02666 is a broadband UHF antenna suitable for Marine use. It covers the entire band 380 – 490 MHz It comes with a black heavy-duty radome and has a short mounting tube allowing for pole mounting. It is also fitted with a female thread for mounting to a variety of marine base mounts.

**VSWR** 

### **APPLICATIONS**

**UHF** Marine communications

#### **TUNING**

**Factory Tuned** 

#### **OPTIONAL MOUNTINGS**

Please refer to our website for all 16mm Mountings and optional Coaxial Adaptors

#### **FEATURES**

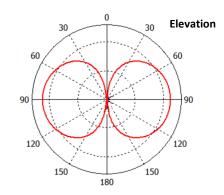
- Stainless Steel Fittings
- Broad Bandwidth
- Black HD Radome
- Deck or Pole Mounting

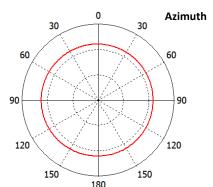
#### **SPECIFICATIONS**

Frequency380 – 490 MHzGainUnity (~ 3 dBi)VSWR< 2.0:1		
VSWR< 2.0:1	Frequency	380 – 490 MHz
Impedance50 ΩPolarisationVerticalTermination1.25 m RG58 Side Tube Exit, NfPower Rating80 WattsH Plane 3 dB Beamwidth360 DegLightning ProtectionDC GroundedMounting Tube38 mm ø x 162 mm LongBase MaterialsStainless SteelAntenna Length580 mmAntenna Weight2 kg	Gain	Unity (~ 3 dBi)
PolarisationVerticalPolarisation1.25 m RG58 Side Tube Exit, NfTermination1.25 m RG58 Side Tube Exit, NfPower Rating80 WattsH Plane 3 dB Beamwidth360 DegLightning ProtectionDC GroundedMounting Tube38 mm ø x 162 mm LongBase MaterialsStainless SteelAntenna Length2 kg	VSWR	< 2.0:1
Termination1.25 m RG58 Side Tube Exit, NfPower Rating80 WattsH Plane 3 dB Beamwidth360 DegLightning ProtectionDC GroundedMounting Tube38 mm \$x\$ 162 mm LongBase MaterialsStainless SteelAntenna Length580 mmAntenna Weight2 kg	Impedance	50 Ω
Power Rating80 WattsH Plane 3 dB Beamwidth360 DegLightning ProtectionDC GroundedMounting Tube38 mm ø x 162 mm LongBase MaterialsStainless SteelAntenna Length580 mmAntenna Weight2 kg	Polarisation	Vertical
H Plane 3 dB Beamwidth360 DegLightning ProtectionDC GroundedMounting Tube38 mm ø x 162 mm LongBase MaterialsStainless SteelAntenna Length580 mmAntenna Weight2 kg	Termination	1.25 m RG58 Side Tube Exit, Nf
BeamwidthDC GroundedLightning ProtectionDC GroundedMounting Tube38 mm ø x 162 mm LongBase MaterialsStainless SteelAntenna Length580 mmAntenna Weight2 kg	Power Rating	80 Watts
Lightning ProtectionDC GroundedMounting Tube38 mm ø x 162 mm LongBase MaterialsStainless SteelAntenna Length580 mmAntenna Weight2 kg	H Plane 3 dB	360 Deg
Mounting Tube38 mm ø x 162 mm LongBase MaterialsStainless SteelAntenna Length580 mmAntenna Weight2 kg	Beamwidth	
Base MaterialsStainless SteelAntenna Length580 mmAntenna Weight2 kg	Lightning Protection	DC Grounded
Antenna Length580 mmAntenna Weight2 kg	Mounting Tube	38 mm ø x 162 mm Long
Antenna Weight 2 kg	Base Materials	Stainless Steel
	Antenna Length	580 mm
Mounting 1" Marine Female or Clamp	Antenna Weight	2 kg
	Mounting	1" Marine Female or Clamp

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## **RADIATION PATTERNS**





38 mm ø

## PACKAGING

Cardboard tube, 60.3 mm diameter, 600 mm long

### WARRANTY

3 years (Please refer to Benelec Terms & Conditions)

580 mm

