

Part No **02211**

Military Discone Base Station Antenna, 30-140MHz

The 02211 Military Discone Antenna is a broad frequency antenna suited to applications across the frequency range 30-140 MHz (Transmit). Its stable radiation pattern across the 30-140 MHz band allows for accurate performance. Robust construction of both the central feed section and matching radials makes for a reliable tactical antenna. This antenna comes with a bracing kit to strengthen the cone.

Applications

Broad band Transmit and Receive applications.
Coverage of numerous commercial frequency bands.

Tuning

Factory tuned, no further tuning required.

Features

- ✓ Wide bandwidth.
- ✓ Rugged construction
- ✓ Removable Radiating elements.

Optional Mountings

- 02811S** Stainless Steel V Blocks clamp
- 02813** Parallel Bracket Heavy duty clamp
- 02815** Universal bracket 50/20 S/S

Specifications

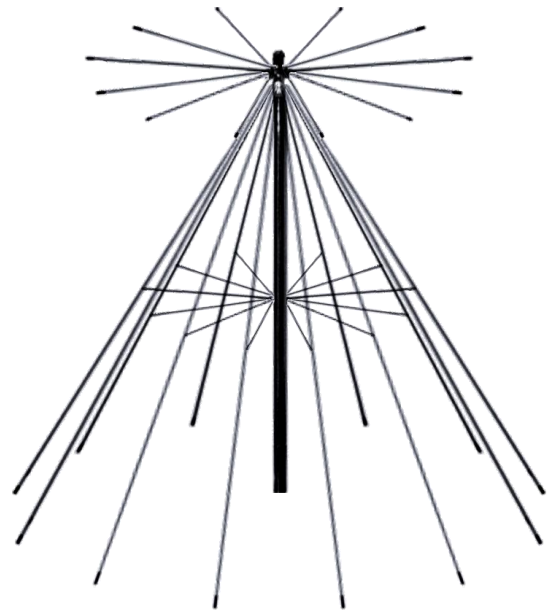
Frequency range:	30-140 MHz.
Gain:	See Table page 2.
VSWR:	2.0:1 30-140 MHz.
Impedance:	50 Ohms nominal
Power Rating:	800 Watts Adverage power
Polarisation:	Vertical
Radiation:	Omnidirectional
Cable:	RG213
Termination:	N female
Mounting tube:	32mm Dia, 2000mm long
Base Materials:	Delrin hub, Aluminium radials and mounting tube.
Antenna Length:	2.70 Metres
Antenna width:	3.066 Metres Across cone base.
Antenna Net Weight:	12kg
Wind load @ 160 KPH:	(0.460493 SQM) 50.84KG/498.57N

Packaging

3100 x 200 x 240 mm Carton, 1 Antenna per Carton, **GW:** 14 kg

Warranty

3 years (Please refer to [Benelec Terms & Conditions](#))



Frequency	^Gain (dBi)	Vertical Beamwidth	Horizontal Beamwidth
30-140 MHz	<i>See Below</i>	<i>See Below</i>	<i>See Below</i>
30 MHz	1.6	91 deg	Omni
70 MHz	0.00	61.5 deg	Omni
120 MHz	0.00	59.6 deg	Omni
140 MHz	-2.3	42 deg	Omni
^Gain on horizon			

