

MILITARY ANTENNAS

MANET, C2 & EW / MOUNTED / DISMOUNTED / FIXED BASE
MARITIME / SPECIAL APPLICATIONS



BENELEC.AU

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ABN : 3206 4708 390 | NCAGE : Z4712



DISMOUNTED ANTENNA RANGE

TACTICAL GOOSENECK ANTENNAS

SKU	DESCRIPTION	FREQUENCY	↕ mm	Ø mm	ORIGIN	TRL
029340D	GNSS L1/L2/L5 RHCP Gooseneck Active 35dB, TNC Plug	1.15 - 1.278 GHz / 1.55 - 1.61 GHz	160	23	AU	5
026360D	UHF Gooseneck 2.5dB, TNC Plug	403 - 480 MHz	426	20	AU	6
029309D	L Band Gooseneck 2.5dBi, TNC Plug	1.0 - 1.5 GHz	270	14.5	AU	9
029310D	L Band Gooseneck 2.5dBi, TNC Plug	1.2 - 2.0 GHz	235	14.5	AU	9
029310DF	L Band Gooseneck 2.5dBi w/ GPS BP Filter, TNC Plug	1.2 - 2.0 GHz	235	14.5	AU	7
029322D	S Band Gooseneck 2.5dBi, TNC Plug	1.95 - 2.7 GHz	215	14.5	AU	4
029323D	L & S Broadband Gooseneck 3.0dBi, TNC Plug	0.9 - 2.6 GHz	250	14.5	AU	9
029320D	S & C Dual Band Gooseneck 2.5dBi, TNC Plug	2.1 - 2.5 / 4 - 6 GHz	230	14.5	AU	9
029350D	C Band Gooseneck 3.0dBi, TNC Plug	4.7 - 5.0 GHz	230	14.5	AU	9

AU = Australian made.



DISMOUNTED ANTENNA RANGE

ULTRA-WIDEBAND TACTICAL GOOSENECK ANTENNAS

SKU	DESCRIPTION	FREQUENCY	↕ mm	Ø mm	ORIGIN	TRL
024359D	UWB Gooseneck 2.5dBi, TNC Plug	1.3 – 7.2GHz	TBA	TBA	AU	4
024360D	UWB Gooseneck 2.5dBi, TNC Plug	0.6 – 7.2 GHz	390	20	AU	8
024365D	UWB Gooseneck 2.5dBi, TNC Plug	0.38 – 7.2 GHz	470	20	AU	9
024360N	UWB Gooseneck 2.5dBi, N Plug	0.6 – 7.2 GHz	395	20	AU	7
024365N	UWB Gooseneck 2.5dBi, N Plug	0.38 – 7.2 GHz	475	20	AU	7

AU = Australian made.



DISMOUNTED ANTENNA RANGE

TACTICAL COLINEAR ANTENNAS

SKU	DESCRIPTION	FREQUENCY	↕ mm	Ø mm	ORIGIN	TRL
029310N	L Band Colinear 5.0dBi w/ Integrated Spring, N Plug	1.2 - 1.5 GHz	487	20	AU	7
029321N	S Band Colinear 6.0dBi w/ Integrated Spring, N Plug	2.2 - 2.5 GHz	350	20	AU	5
029351N	C Band Colinear 6.0dBi w/ Integrated Spring, N Plug	4.7 - 5.0 GHz	245	20	AU	9
029352N	C Band Colinear 9.0dBi w/ Integrated Spring, N Plug	4.9 - 5.0 GHz	350	20	AU	9

AU = Australian made.



027423N SUCTION MAG BASE, N SOCKET



2.2 - 2.5 GHz

029321N



4.7 - 5.0 GHz

029351N



1.2 - 1.5 GHz

029310N



4.9 - 5.0 GHz

029352N

DISMOUNTED ANTENNA RANGE

TACTICAL C2 ANTENNAS

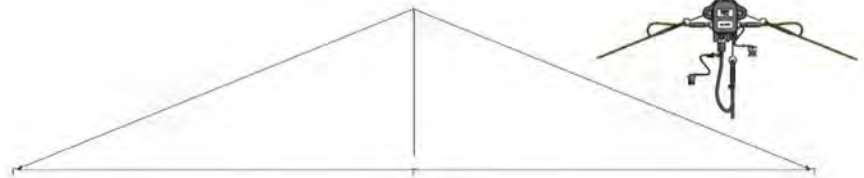
SKU	DESCRIPTION	FREQUENCY	ORIGIN	TRL
0200402	HF Dipole Wire Antenna Kit	2.0 - 30 MHz	AU	9
0200405	HF Long Single Wire (SWA)	2.0 - 30 MHz	AU	9
0257101	Broadband Manpack Whip (WLA)	30 - 512 MHz	US	9
0257101G	Broadband Manpack Whip (Gooseneck Base)	30 - 512 MHz	US	9
025751	Manpack SATCOM RAMHEAD	225 - 500 MHz	US	9

AU = Australian made. **US** = US made. Items of US origin are ITAR restricted.



0200402

2.0 - 30 MHz



0200405

2.0 - 30 MHz



025751

225 - 500 MHz

RAMHEAD
SATCOM ANTENNA



30 - 512 MHz

0257101



30 - 512 MHz

0257101G

MOUNTED C2 ANTENNA RANGE

SKU	DESCRIPTION	FREQUENCY	ORIGIN	TRL
020108M	HF 100w 1.7m GP (Requires Tuner)	2.0 – 30 MHz	AU	9
02323	VHF Vehicular 1.2m GP	30 – 88 MHz	AU	9
02322	VHF Vehicular 1.9m GP	30 – 88 MHz	AU	9
02320	VHF Vehicular 3.2m GPI	30 – 88 MHz	AU	9
0292101	Multiband Vehicular	30 MHz – 2 GHz	US	9
0292105	High Power, High Gain BB Vehicular	500 MHz – 2.5 GHz	US	9
0251622	UHF Vehicular	225 – 450 MHz	US	9
025162	UHF Vehicular GPI 200w	225 – 450 MHz	AU	7
025705	Broadband Vehicular - 1.6m	26 – 512 MHz	US	9
025706	Broadband Vehicular - 2.8m	30 – 512 MHz	US	9
025708	Tri-Band Antenna	30 - 512 MHz / 750 - 1350 MHz	US	9
025752	SATCOM On-The-Move Vehicular Antenna	243 – 380 MHz	US	9
025171	VHF Half-Wave 4 Hole Flange Base	30 – 88 MHz	US	9
029512M	MANET Antenna Application	2.4 – 2.5 / 4.9 – 5.8 GHz	AU	4
024575M	5G EW / Cellular Application	690 – 960 MHz / 1.7 – 2.7GHz / 3.5 – 3.8GHz	AU	4

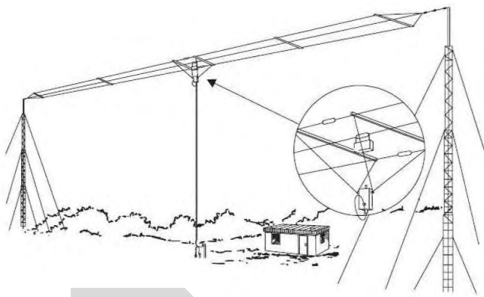
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BASE ANTENNA RANGE

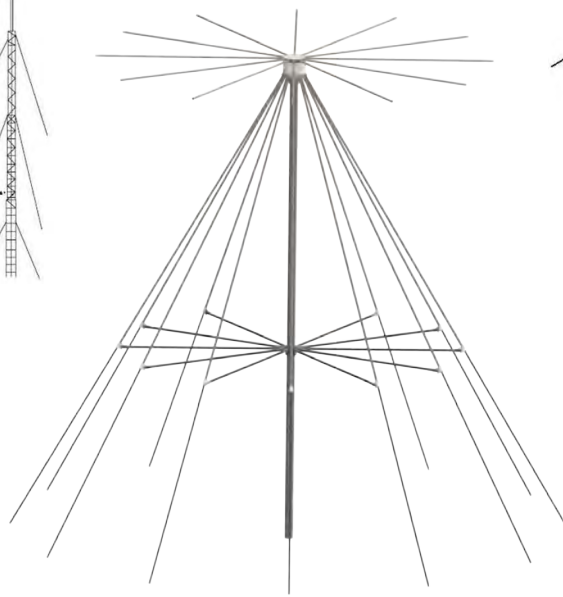
SKU	DESCRIPTION	FREQUENCY	ORIGIN	TRL
0200401	HF Folded Dipole 400w	2.0 – 30 MHz	AU	9
0200410	HF Folded Dipole 1Kw	2.0 – 30 MHz	AU	9
02221	HF Log Periodic Yagi	10 – 30 MHz	AU	9
02212	VHF/UHF Base Antenna	30 – 600 MHz	AU	9
02686	UHF Base Antenna	200 – 520 MHz	AU	9
02674	Broadband Discone Antenna S/S	65 – 1300 MHz	AU	9

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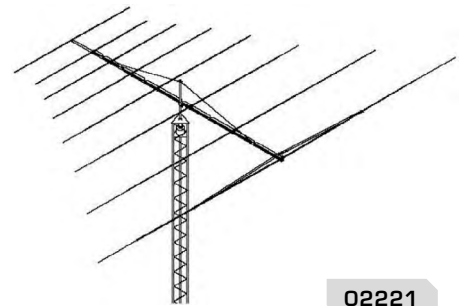
0200410

2.0 – 30 MHz



02212

30 – 600 MHz



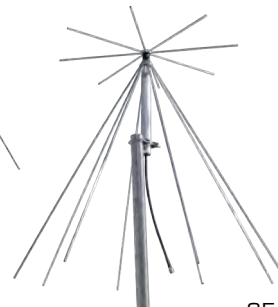
02221

10 – 30 MHz



02686

200 – 520 MHz



02674

65 – 1300 MHz

SPECIAL APPLICATION ANTENNAS

SKU	DESCRIPTION	FREQUENCY	ORIGIN	TRL
029213	UAV Fix Wing Tip L Band 3.0dBi	1.35 – 1.44 GHz	AU	9
029213P	UAV Dual Port Directional 8.5dBi L Band Ground Station	1.35 – 1.44 GHz	AU	9

AU = Australian made.



029213P

1.35 – 1.44 GHz

Wide range of mounts available



029213

1.35 – 1.44 GHz

BASE ANTENNA RANGE

SKU	DESCRIPTION	FREQUENCY	ORIGIN	TRL
02533M	VHF Air Band Base Folded Dipole	118 – 136 MHz	AU	9
02544CM	VHF Colinear Base Antenna	200 – 240 MHz	AU	9
02591XM	VHF Unity Gain Base Station/Marine Antenna	285 – 295 MHz	AU	9
02557M	VHF Air Band Base FULL BAND Unity Collinear	118 – 136 MHz	AU	9
02644AM	UHF Base Unity Enclosed Dipole	360 – 520 MHz	AU	9
02666BM	UHF Base Unity Enclosed Dipole	380 – 490 MHz	AU	9
02680AM	UHF Base Folded Dipole – 1 Wavelength Boom	360 – 520 MHz	AU	9
02682QM	UHF 6 Element Yagi	380 – 400 MHz	AU	9
02683QM	UHF Yagi 9 Element S/S	380 – 400 MHz	AU	9

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02533M

118 – 136 MHz



02680AM

360 – 520 MHz



02557M

118 – 136 MHz



02544CM

200 – 240 MHz



02591XM

285 – 295 MHz



02644AM

360 – 520 MHz



02666BM

380 – 490 MHz



02682QM

380 – 400 MHz



02683QM

380 – 400 MHz

EW ANTENNA RANGE

SKU	DESCRIPTION	FREQUENCY	ORIGIN	TRL
02475MK	Low Profile Broadband Down Tilt Vehicular - 0.32m (NSN : 5985-66-158-8191)	500 MHz - 2.5 GHz	AU	9
02476M	EW UWB Broadband 0.5m	500 MHz - 6 GHz	AU	4
020107	Mobile Broadband Antenna - 1.68m	25 - 520 MHz	AU	5
020107C	Mobile Broadband Antenna - 1.68m - COTS Base	25 - 520 MHz	AU	5
024359D	UWB Gooseneck 2.5dBi TNCp	1.3 - 7.2 GHz	AU	4
024360D	UWB Gooseneck 2.5dBi TNCp	0.6 - 7.2 GHz	AU	8
024365D	UWB Gooseneck 2.5dBi TNCp	0.38 - 7.2 GHz	AU	9

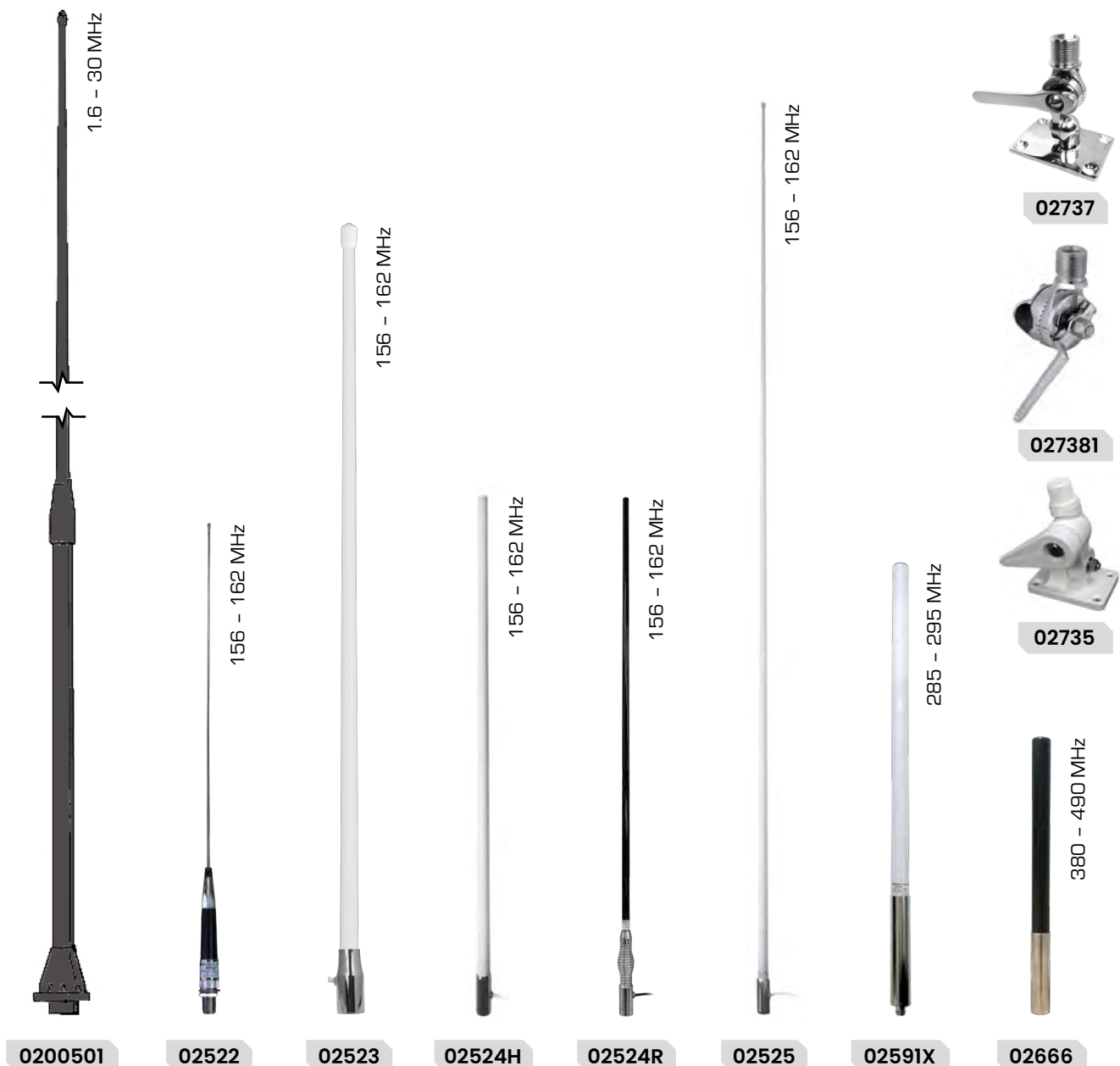
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MARITIME ANTENNAS

SKU	DESCRIPTION	FREQUENCY	ORIGIN	TRL
0200501	Ship Board HF 10.67m Deck Mount	1.6 – 30 MHz	US	9
02522	Marine VHF 3.0dBi 1/2 Wave Mast Mount Stainless Whip	156 – 162 MHz	AU	9
02523	Marine VHF 6ft / 1.8m 1/2 Wave Deck Mount	156 – 162 MHz	AU	9
02524H	Marine VHF 1/2 Wave Heavy Duty 1m Deck Mount	156 – 162 MHz	AU	9
02524R	Marine VHF 1/2 Wave Ultra Rugged Spring Deck Mount	156 – 162 MHz	AU	9
02525	Marine VHF 8ft / 2.4m 1/2 Wave Deck Mount	156 – 162 MHz	AU	9
02591X	VHF Unity Gain Base Station/Marine Antenna	285 – 295 MHz	AU	9
02666	UHF Marine Broadband Antenna GPI	380 – 490 MHz	AU	9

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BATTLE PROVEN ANTENNA TECHNOLOGY

Benelec specialises in designing, manufacturing, and supporting high-performance quality antenna systems. Benelec provides Dis-mounted, Mounted, un-crewed and Fix Base: RF antennas in the HF-8GHz band. These cater for MANET, EW and C2 Applications in the Land and Maritime domains.

DISCRIMINATORS

- Innovative design and construction
- Australian Manufactured and operated SME
- Tailored bespoke designs
- Manufactured to MIL-810 standards.
- Traceable antenna performance
- Performance backed by 3 year antenna warranty
- Local Ongoing Service and Support
- No ITARS Restrictions

Benelec Pty Ltd ABN: 3206 4708 390 | NCAGE : Z4712

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🌐 www.benelec.au





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