



OMNI DIRECTIONAL ANTENNAS FOR MILITARY APPLICATIONS

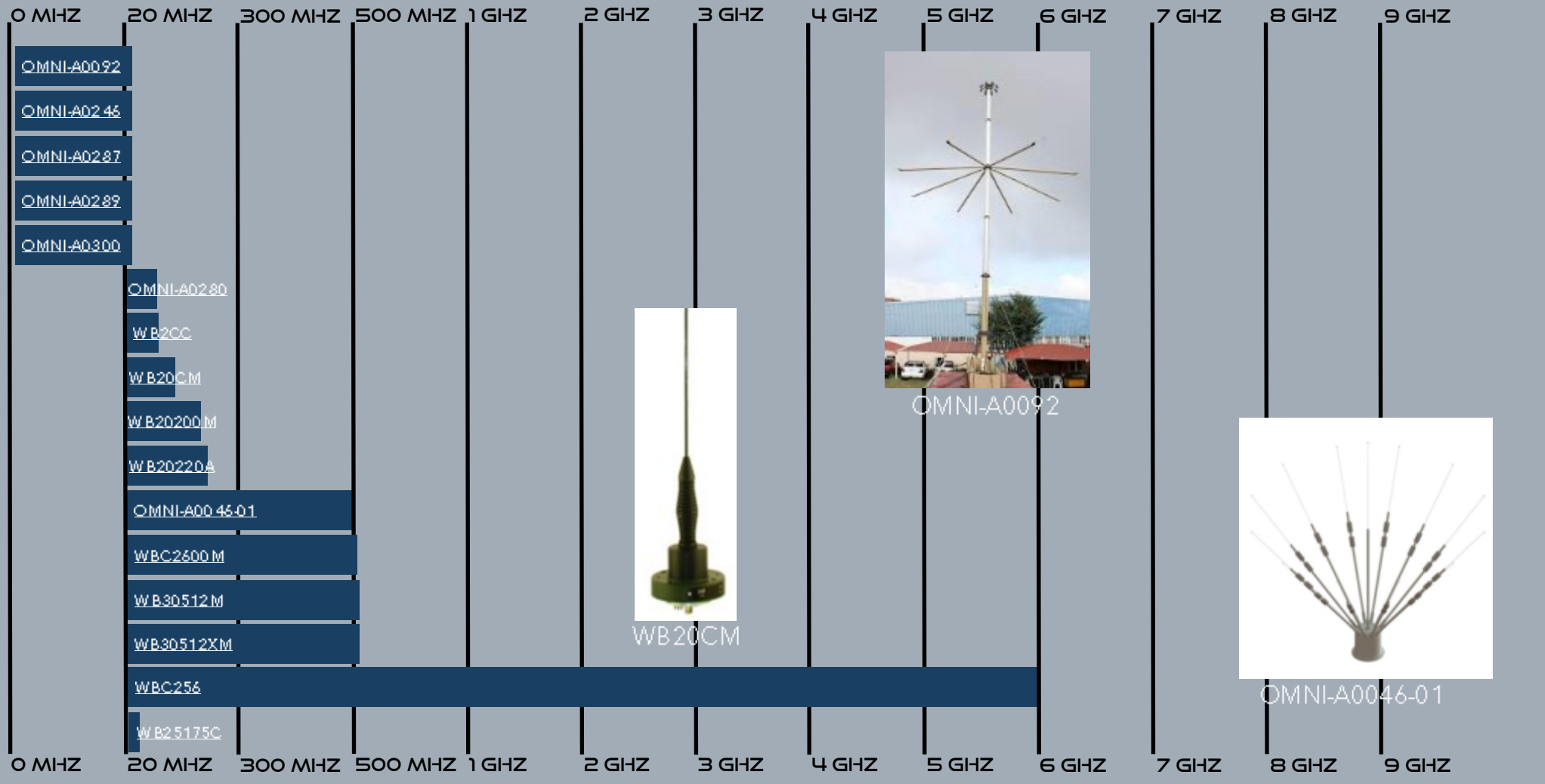


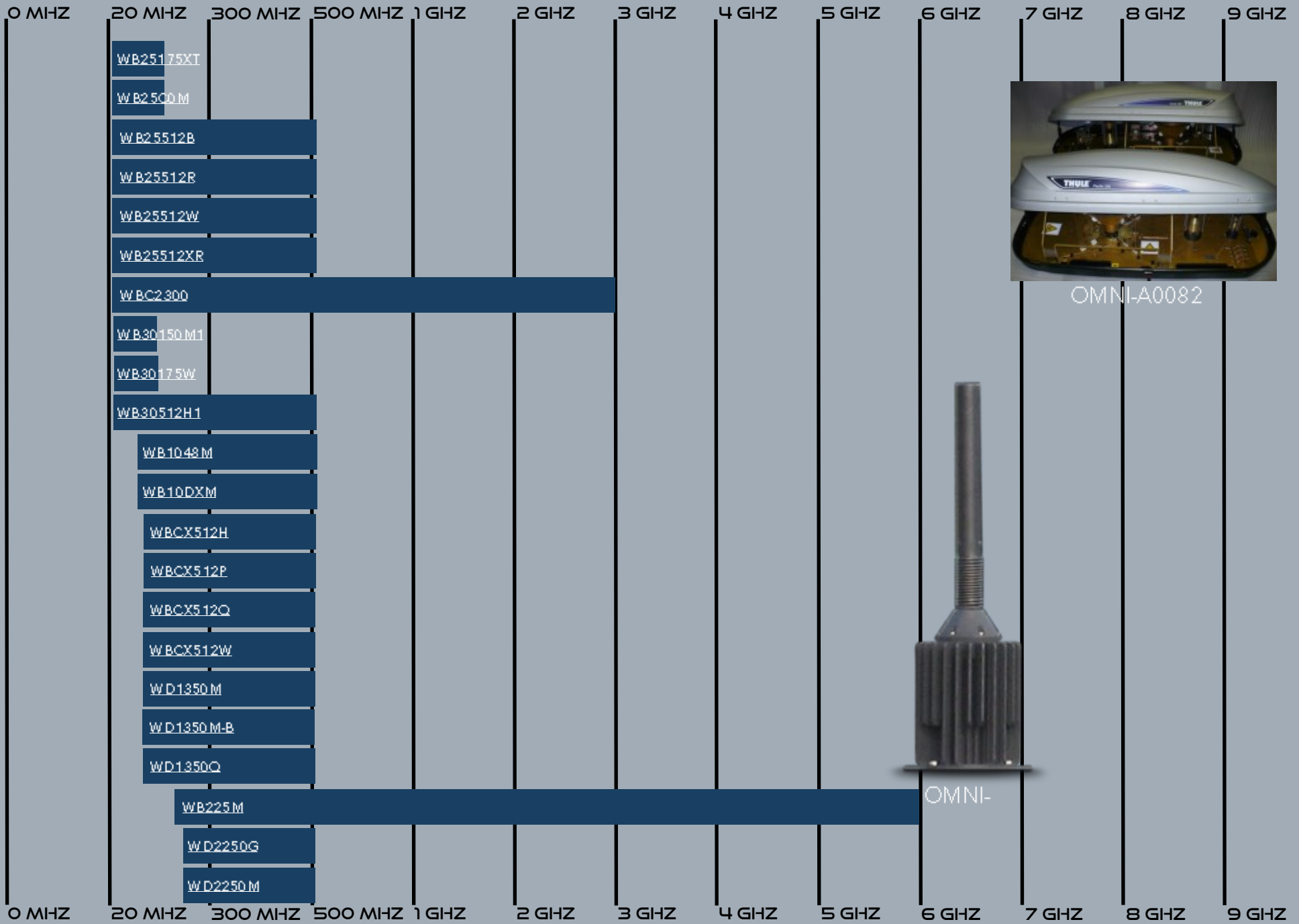
ALARIS
ANTENNAS

GAIN THE ADVANTAGE

JAMMING ANTENNAS

Alaris Antennas offers a range of antennas for stand-off jamming, antenna testing and high-power transmit applications. Typically, these are used to prevent unauthorised communications from functioning, either by preventing communications entirely or by introducing spurious messages into the communications system. Antennas that cover public broadcast bands can also be used to establish temporary or permanent broadcast facilities to disseminate information to the general public.

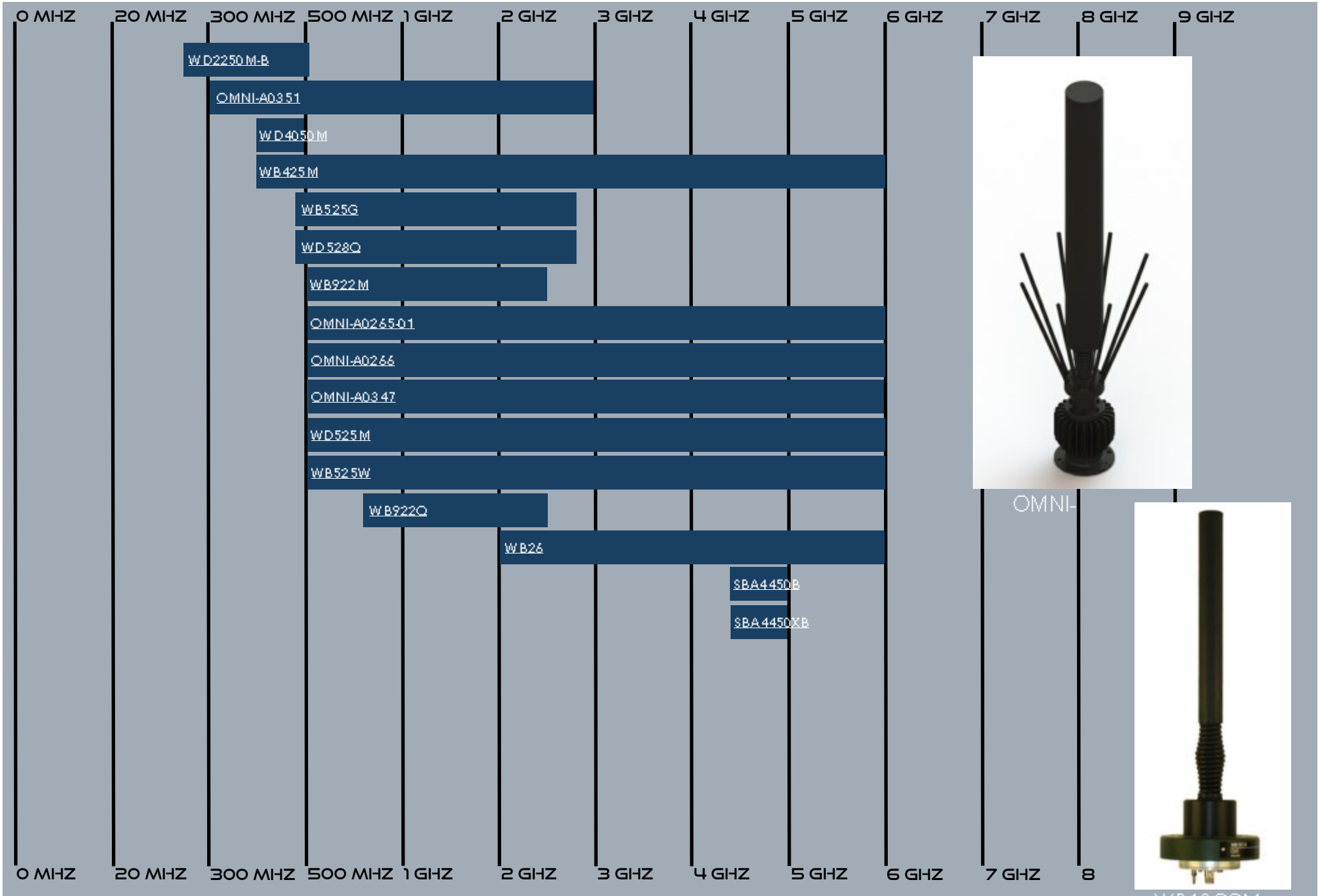




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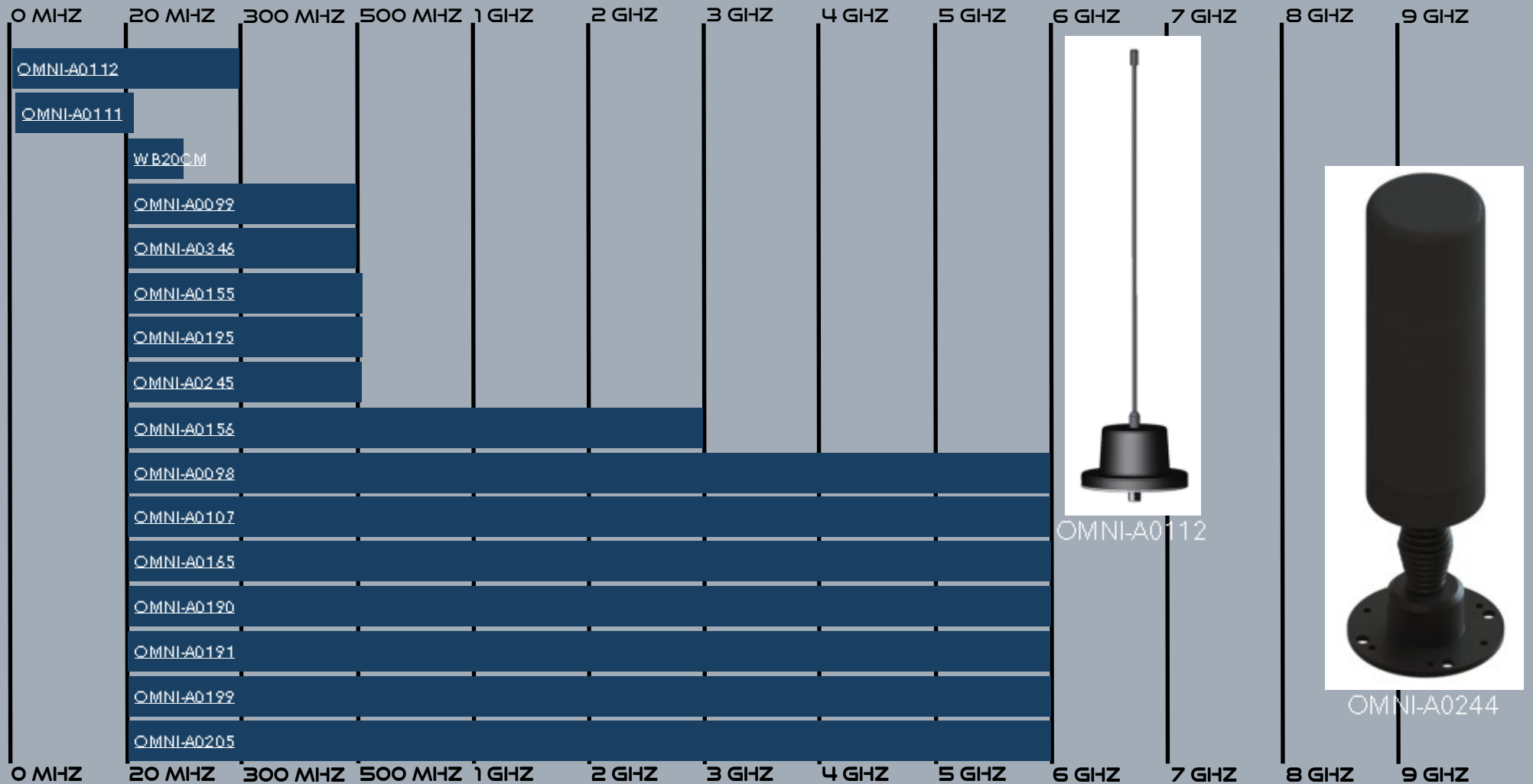
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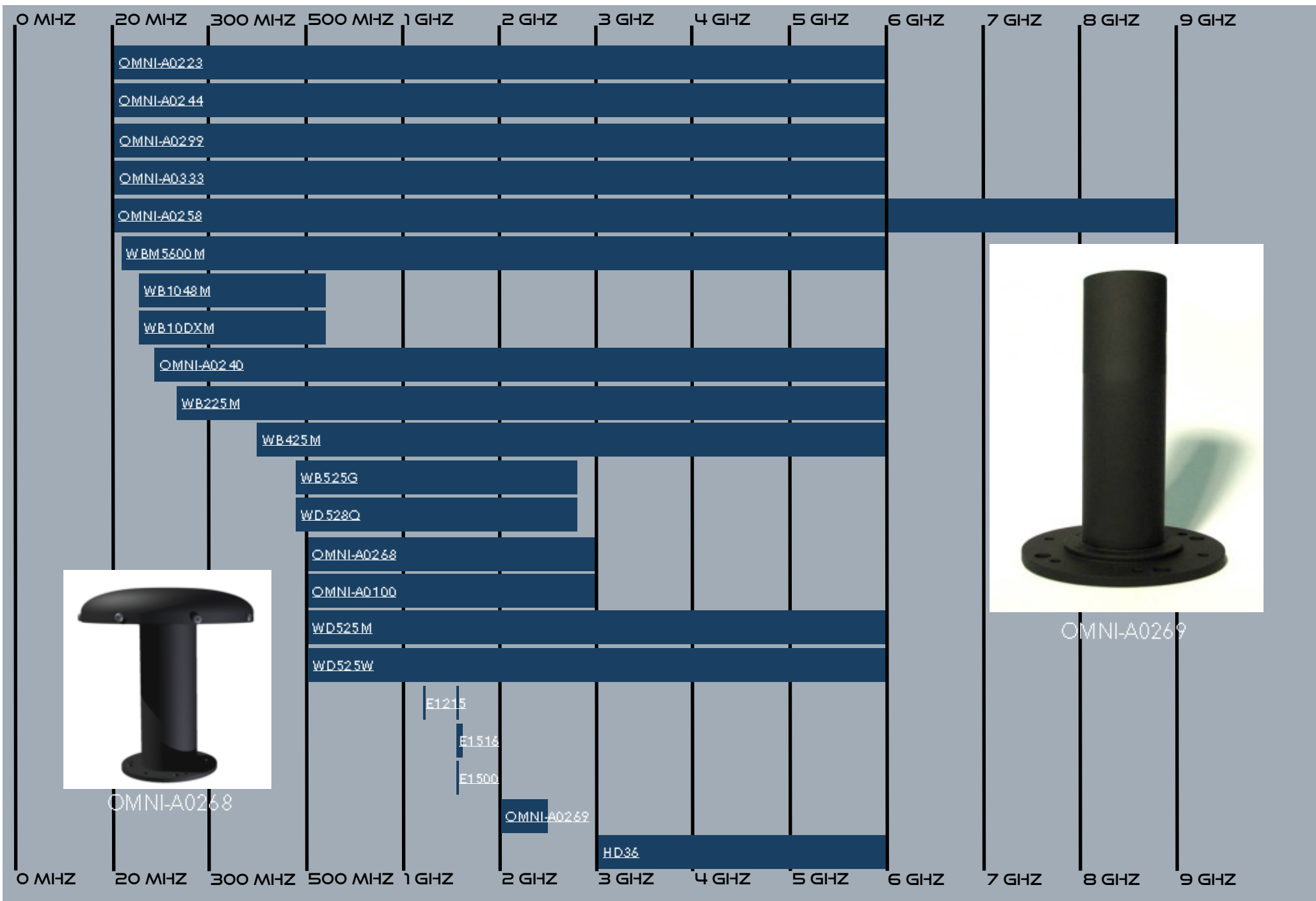


WB.10.GM1

MONITORING ANTENNAS

Alaris Antennas designs and manufactures monitoring antennas for a range of applications. Monitoring antennas, whether for spectrum monitoring, general receive purposes, ITU applications or signal detection, require wide band performance, high sensitivity in their frequency range and a compact form factor. Our range includes active and passive antennas.





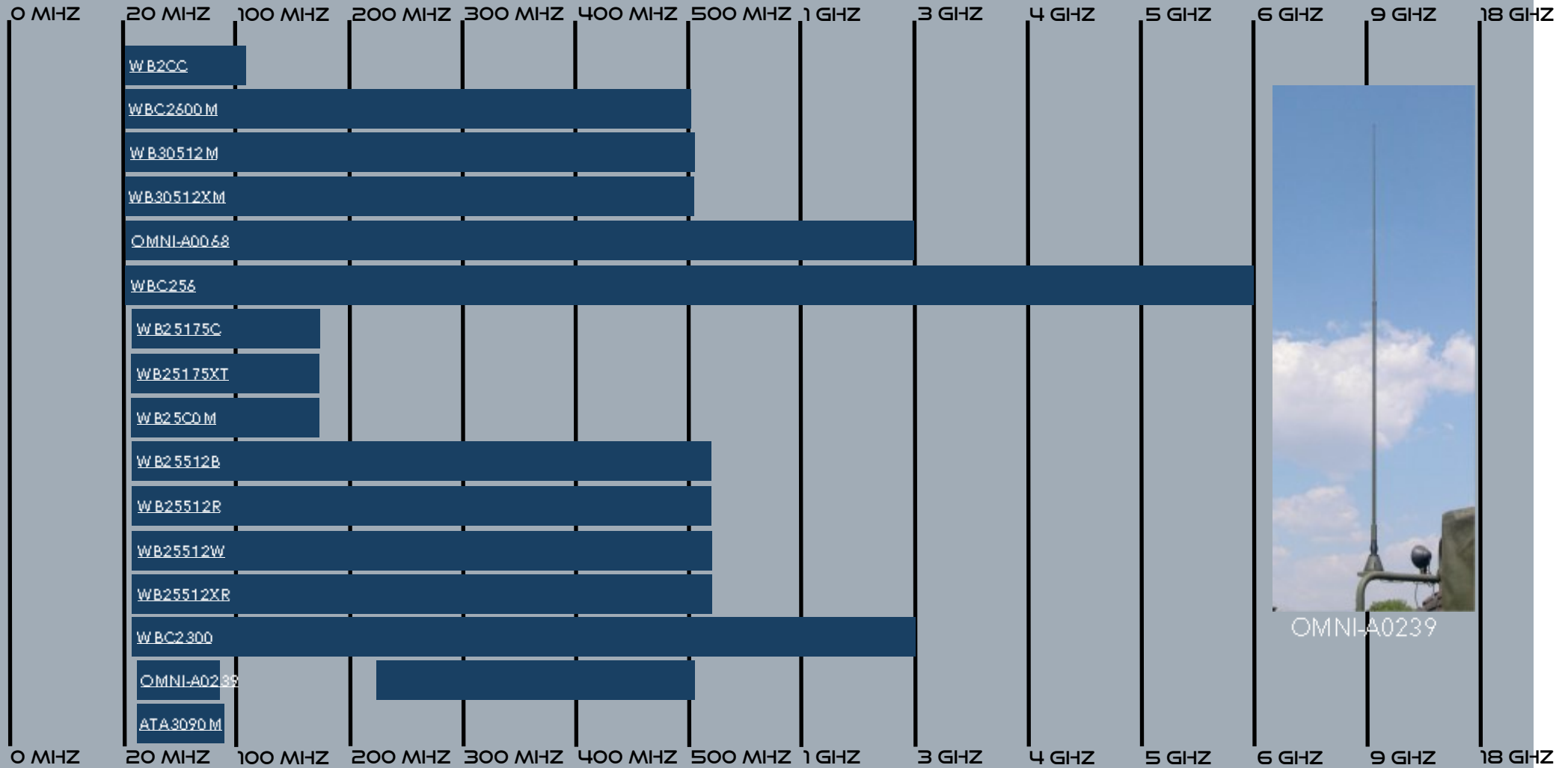
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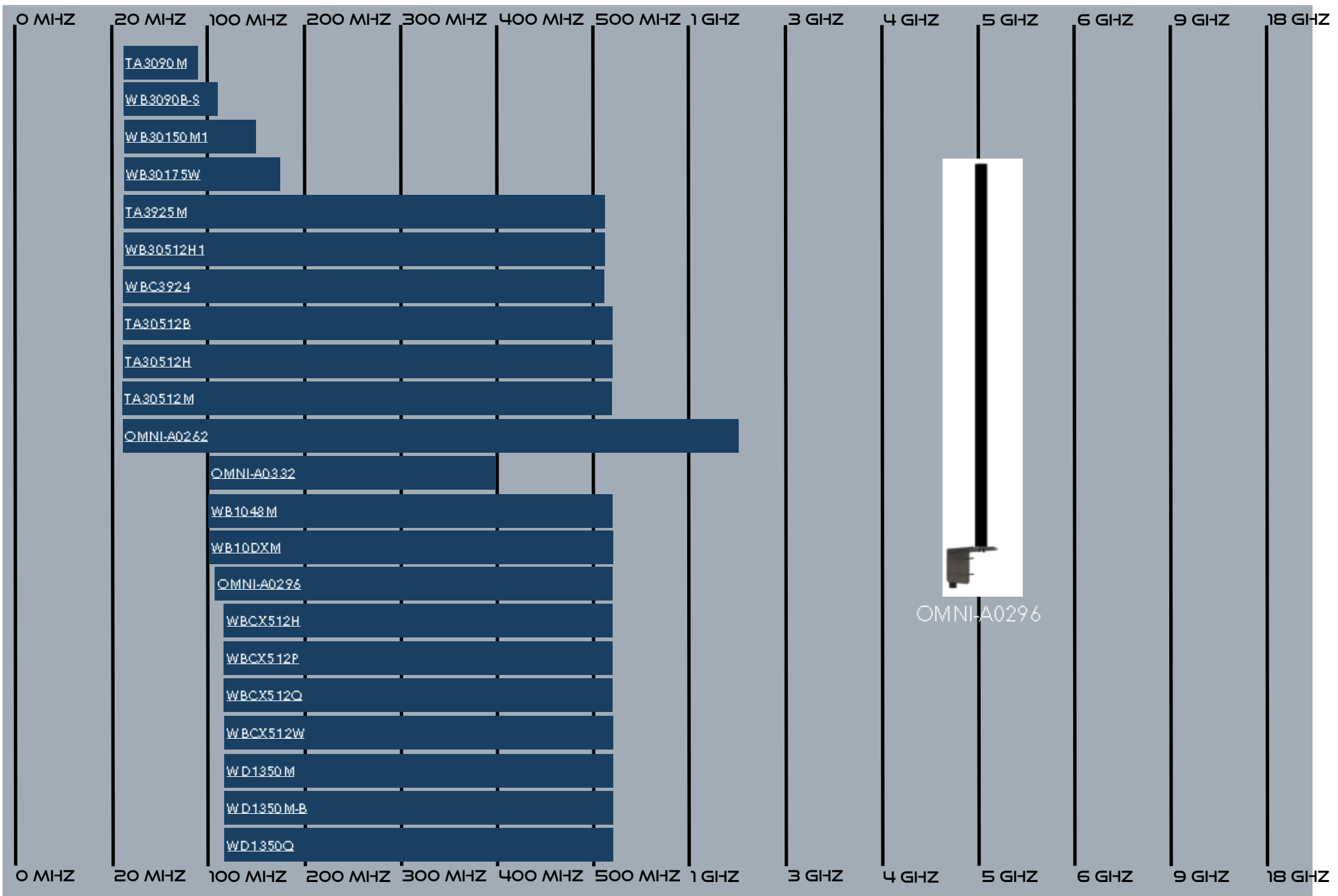


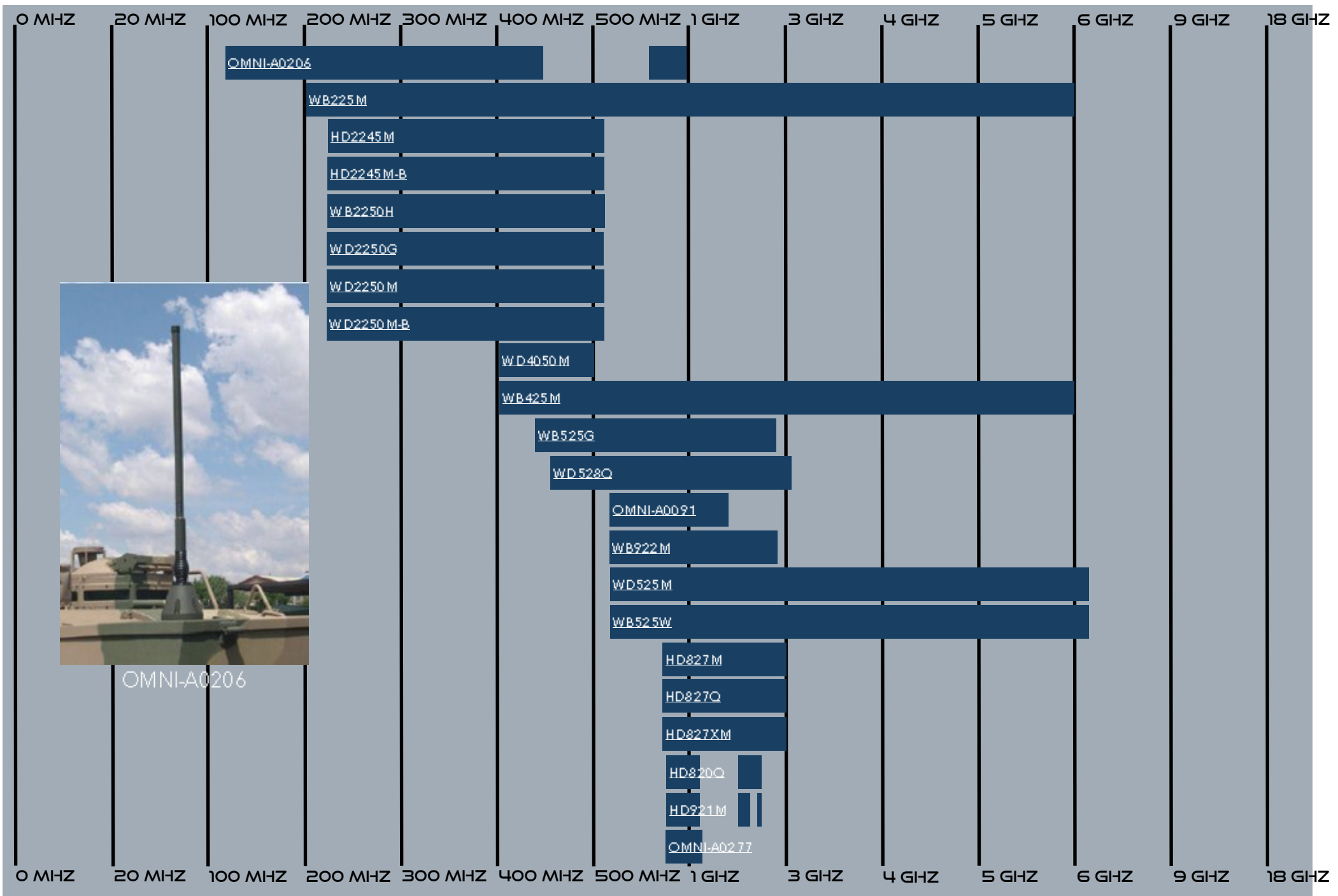
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COMMUNICATION ANTENNAS

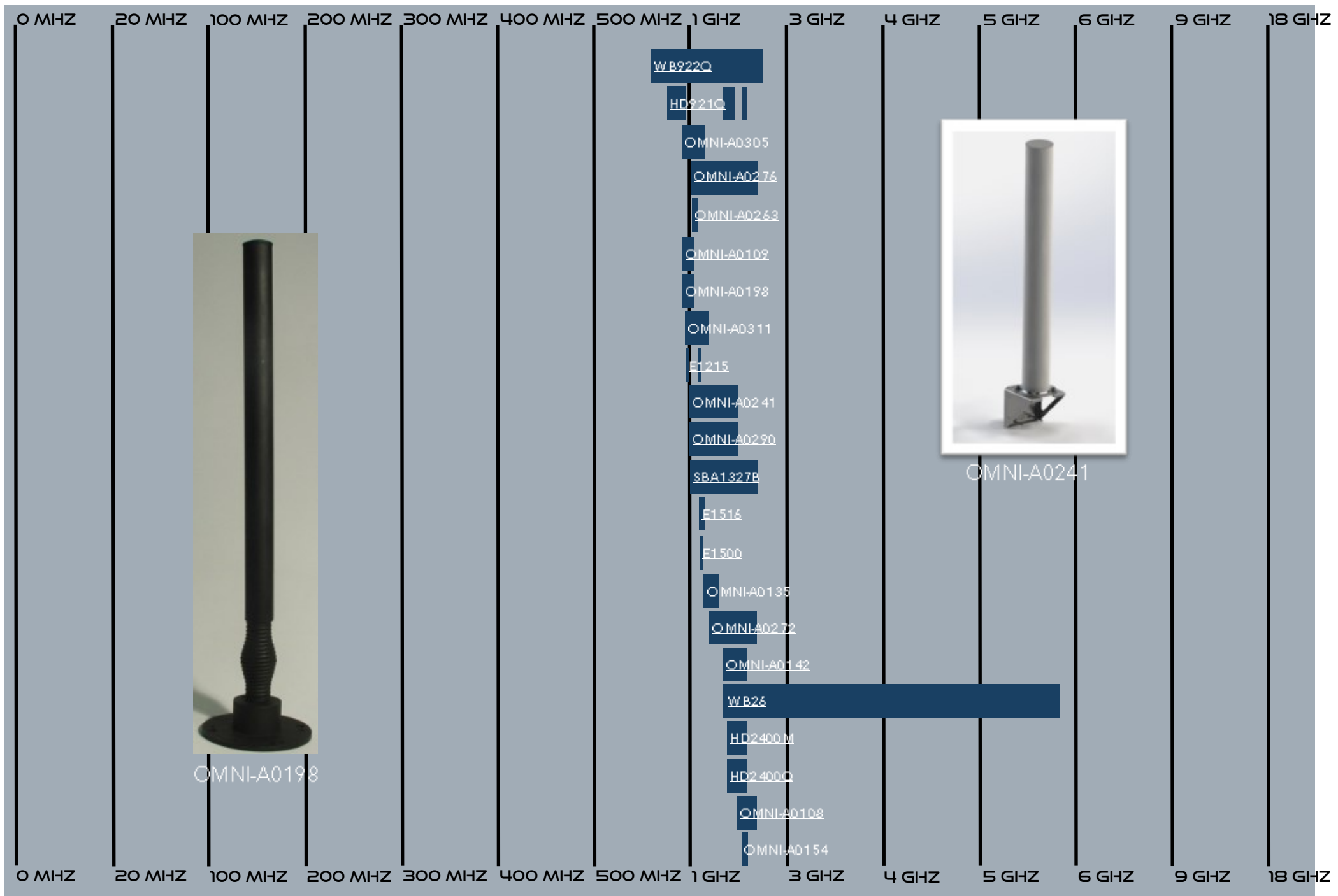
Alaris Antennas has an extensive range of HF, VHF, UHF and SHF (L-, S- and C-band) omni-directional and directional communications antennas, designed for mobile, base station and man-portable applications, point-to-point and point-to-multipoint radio communications.

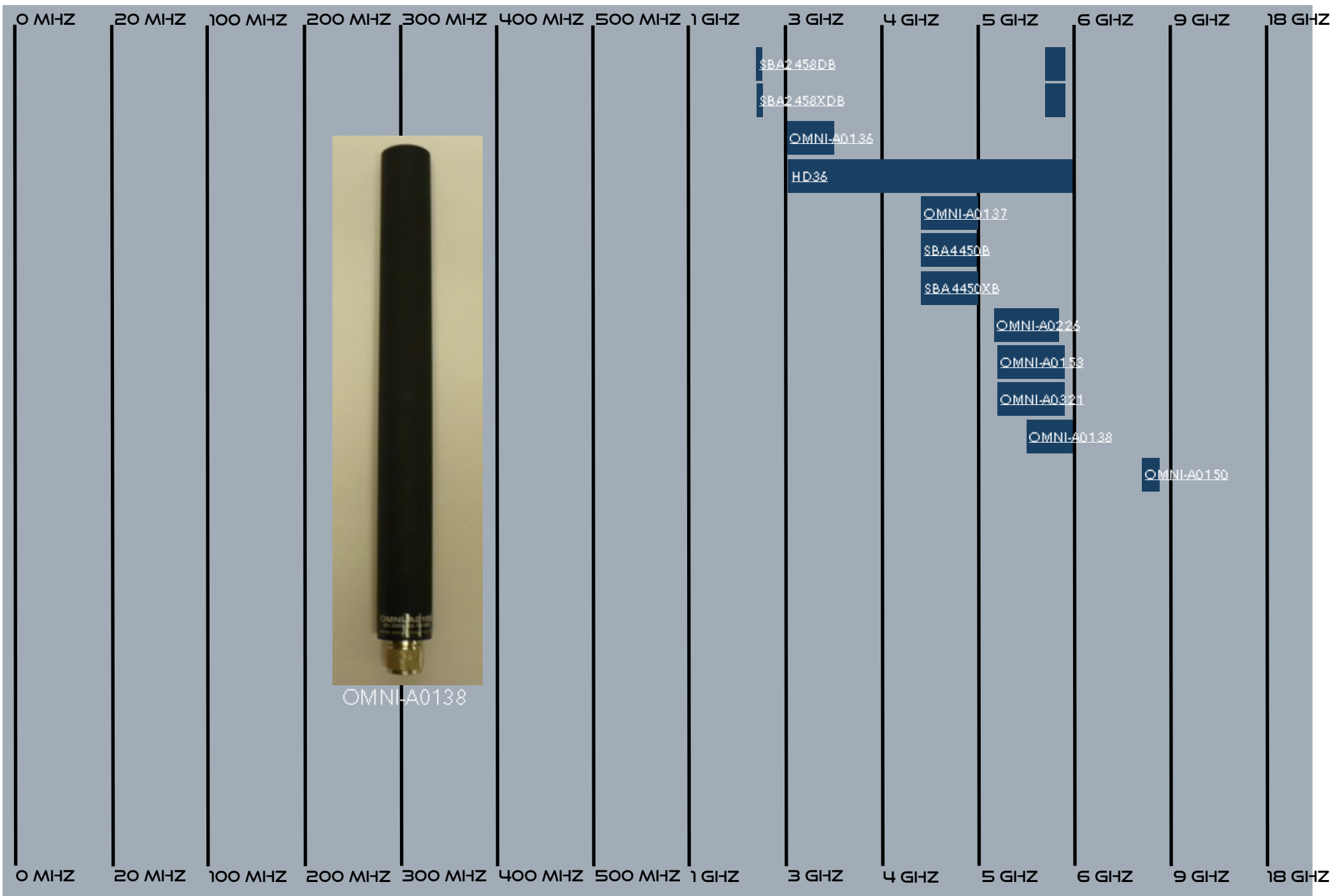






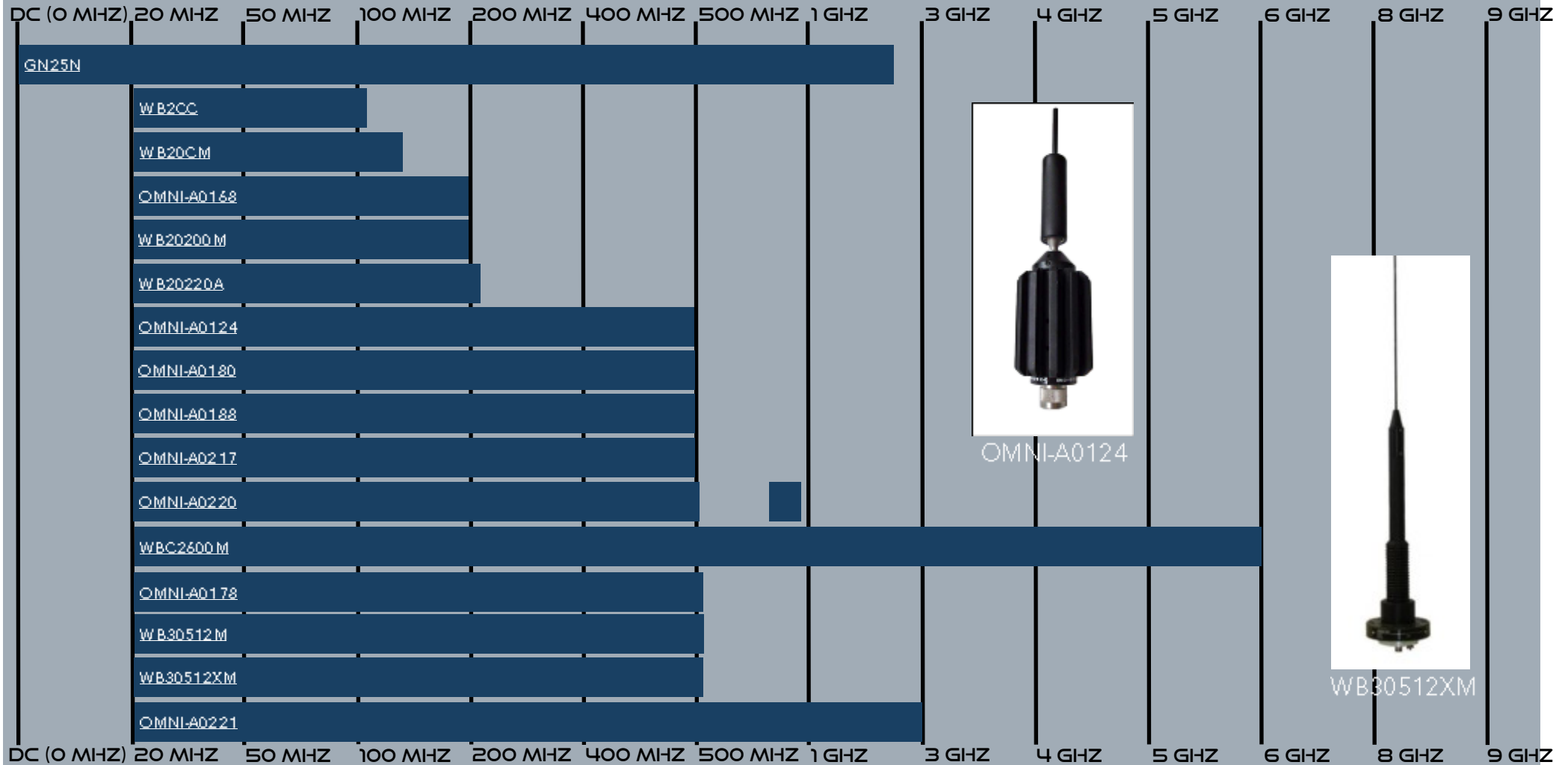
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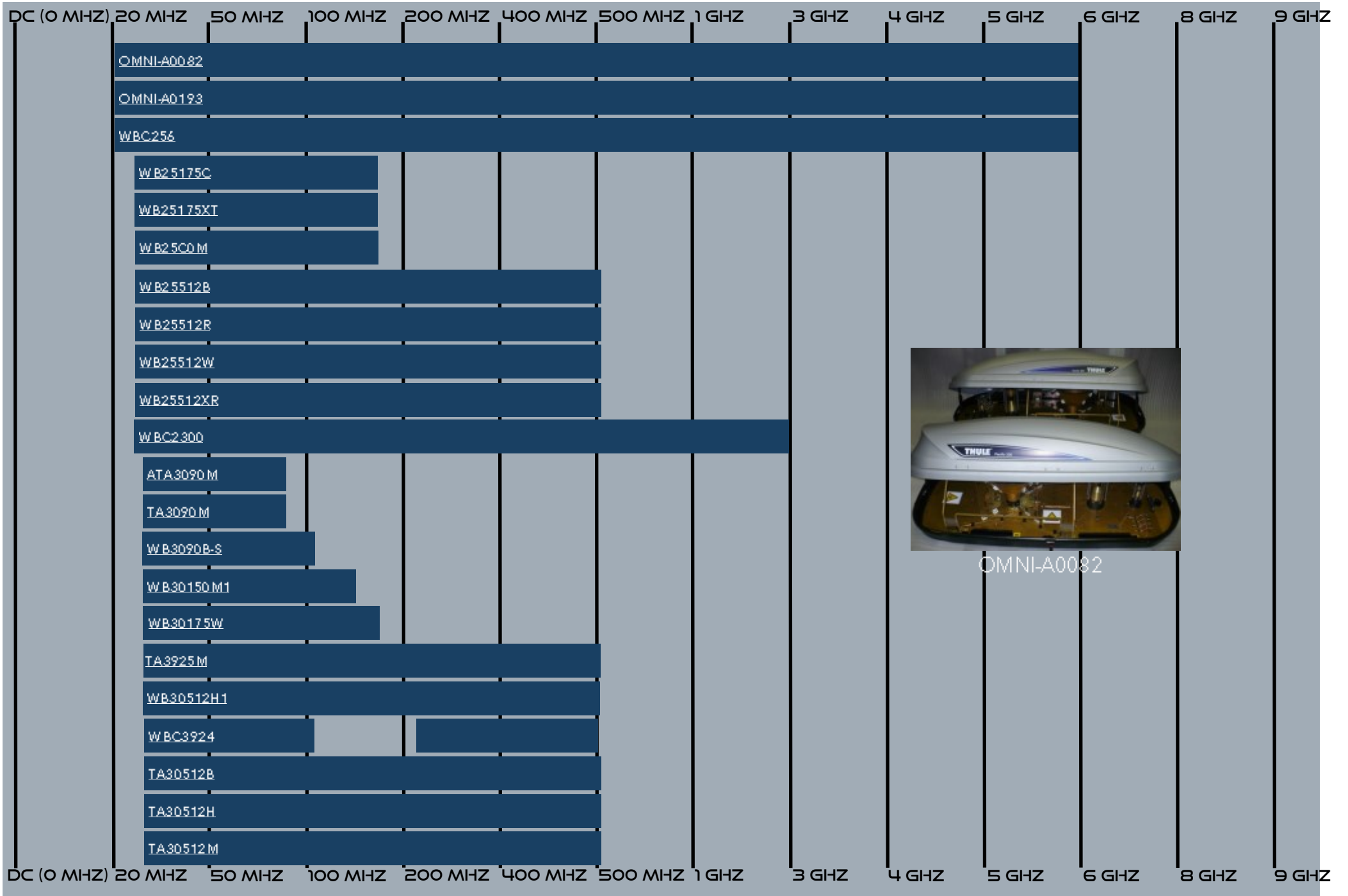




COUNTER-RCIED ANTENNAS

Alaris Antennas has partnered with leading manufacturers of RCIED jamming equipment to provide suitable antennas in manpack and vehicle-mounted configurations. Radio frequency jammers provide the best defence against radio-triggered IEDs. Because of the extremely broad range of frequencies that are used to trigger RCIEDs, an effective wideband antenna system is essential to ensure the best possible protection.

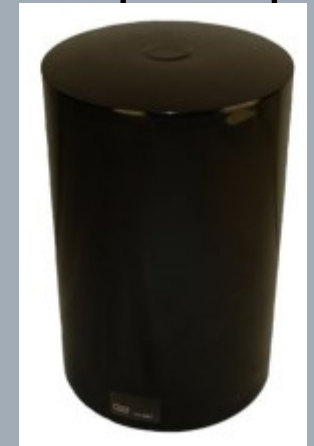




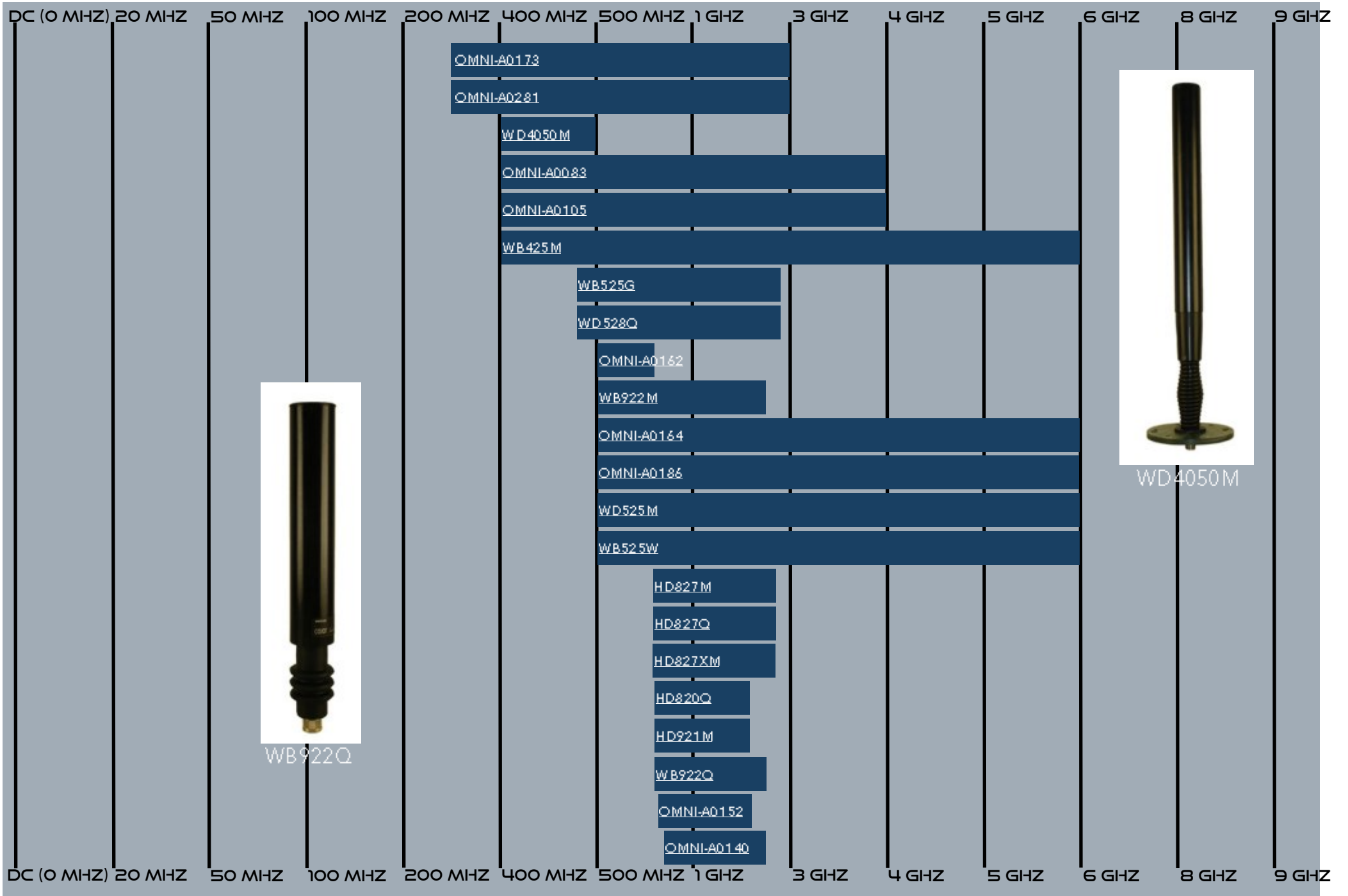
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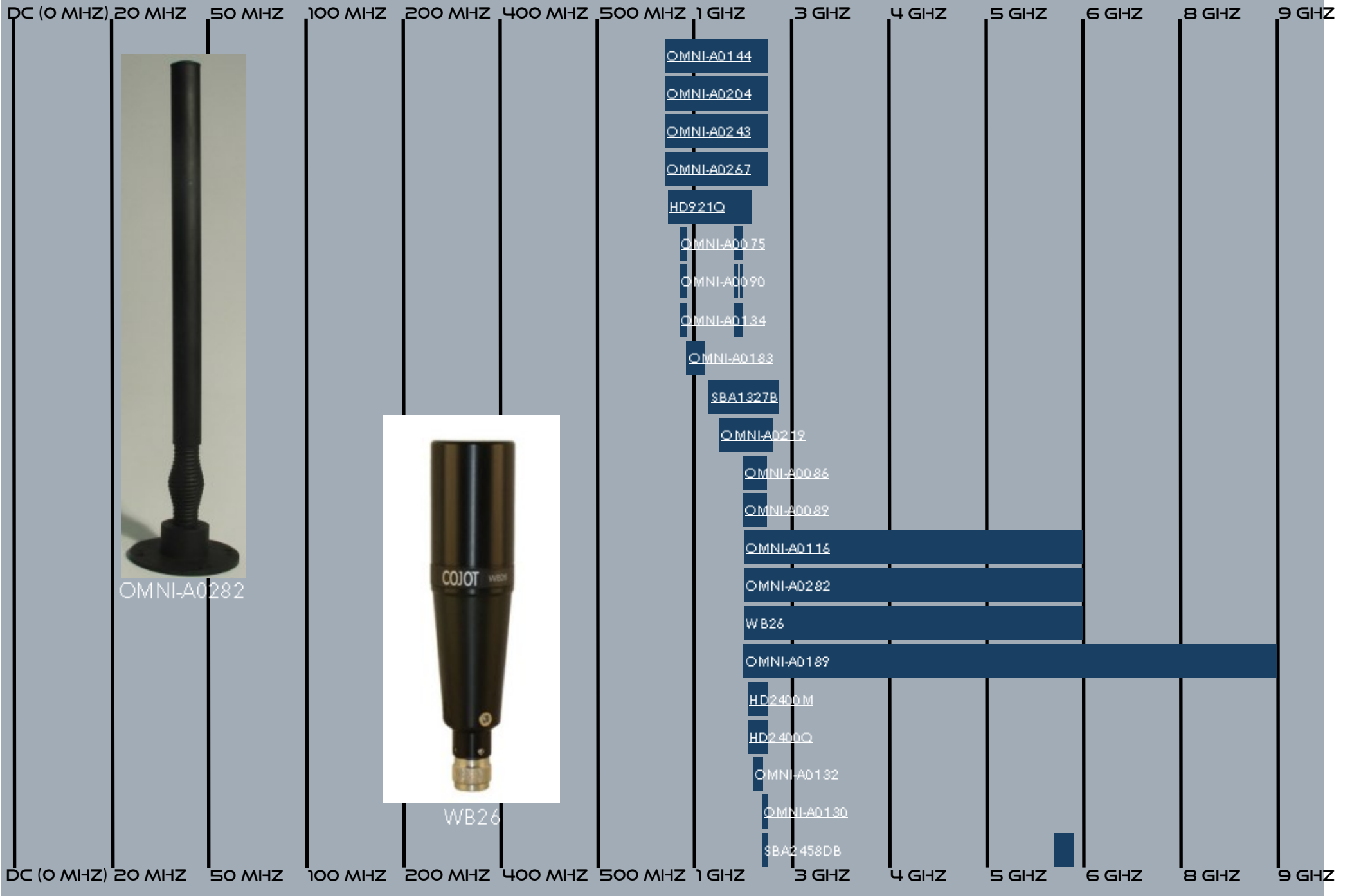
WB225M

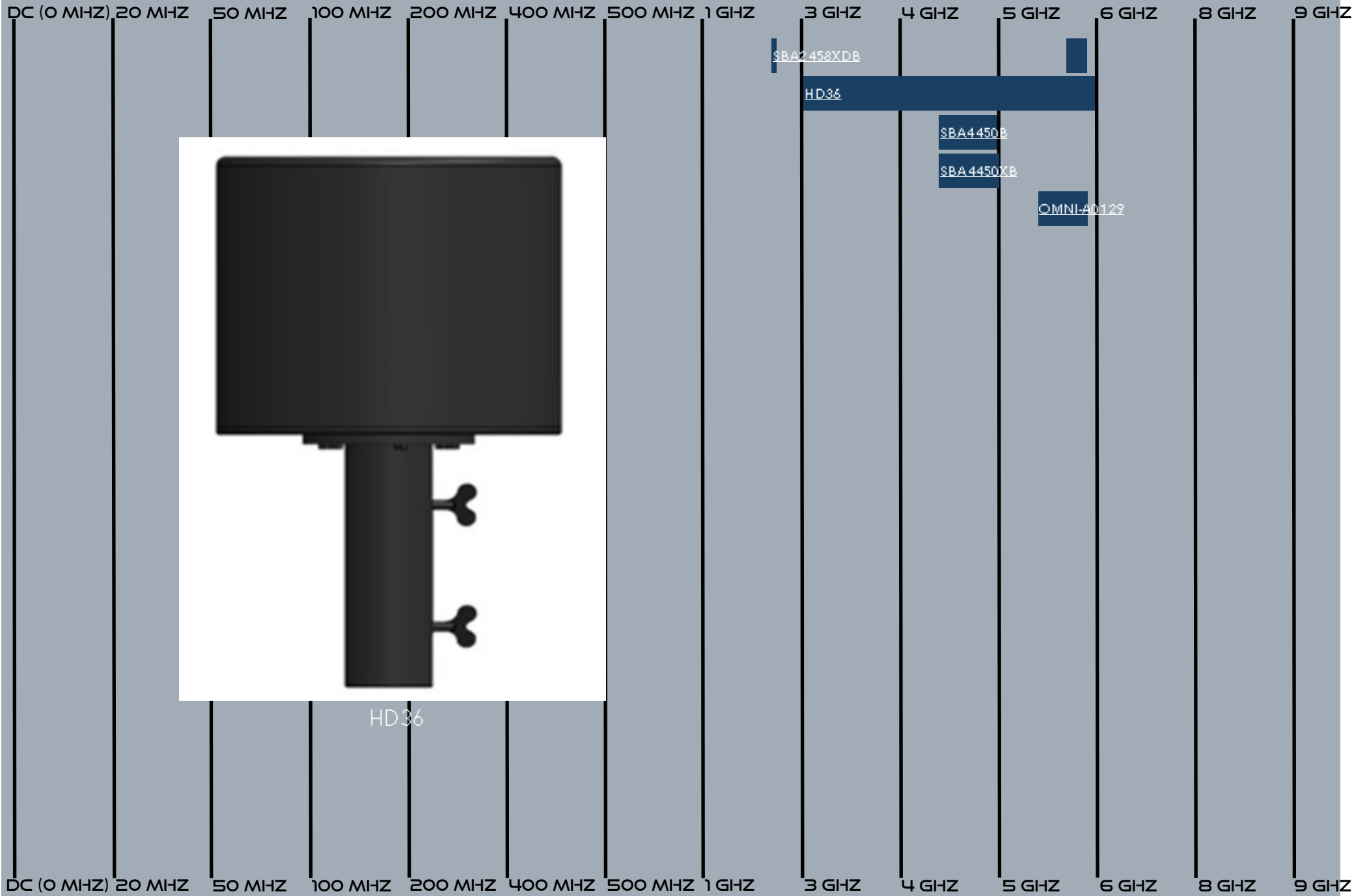


WB922Q



WD4050M





JAMMING ANTENNAS

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0092	Wideband HF High-Power Antenna System	1 - 30 MHz	-	Linear	8000 mm	5000 mm	-	-	350 kg	N-Type (f)	1 kW
OMNI-A0246	Wideband HF High-Power Antenna System	1 - 30 MHz	-	Vertical	1450 mm	< 5000 mm	-	-	< 700 kg	EIA 1 5/8"	7.5 kW
OMNI-A0287	High-Power HF Omni-Directional Antenna	1 - 30 MHz	-	Linear (vertical or horizontal)	5000 mm	-	14000 mm	-	700 kg	7/16 (f)	2 kW CW
OMNI-A0289	High-Power HF Omni-Directional Antenna	1 - 30 MHz	-	Vertical	5000 mm	-	14000 mm	-	700 kg	7/8"	10 kW CW
OMNI-A0300	Wideband HF High-Power Antenna System	1 - 30 MHz	-	Linear	8000 mm	5000 mm	-	-	350 kg	N-Type (f)	2.5 kW
OMNI-A0280	Wideband Omni-Directional Antenna	20 - 100 MHz	> -6 dBi	Vertical	-	1790 mm	2454 mm	-	18 kg	7/16 (f)	3 kW
WB2CC	Wideband Manpack VHF Antenna	20 - 108 MHz	Measured Patterns on Request	Vertical	-	36 mm	2000 mm	-	350 g	N-Type (m)	20 W
WB20CM	Low-profile Wideband Antenna	20 - 140 MHz	Measured Patterns on Request	Vertical	1630 mm	-	-	-	2.2 kg	N-Type (f)	100 W
WB20200M	High-Performance Vehicle Antenna	20 - 200 MHz	Measured Patterns on Request	Vertical	-	-	2270 mm	-	2.8 kg	N-Type (f)	100 W
WB20220A	Short & Lightweight Manpack Antenna	20 - 220 MHz	Measured Patterns on Request	Vertical	-	36 mm	1000 mm	-	335 g	N-Type (m)	20 W
OMNI-A0046-01	Wideband Omni-Directional Antenna	20 - 500 MHz	See Data Sheet	Vertical	-	2450 mm	2307 mm	-	18 kg	7/16 (f)	1.2 kW
WBC2600M	Ultra-Wideband Dual Port Antenna	20 - 512 MHz (Port 1) 500 - 6000 MHz (Port 2)	Measured Patterns on Request	Vertical	-	-	1730 mm	-	6.1 kg	N-Type (f)	140 W (Port 1) 80 W (Port 2) 100 W (Port 2) 150 W (Port 2)
WB30512M	High-Performance Vehicle Antenna	20 - 520 MHz	Measured Patterns on Request	Vertical	1930 mm	-	-	-	3.3 kg	N-Type (f)	100 W
WB30512XM	High-Performance Vehicle Antenna with High Power	20 - 520 MHz	Measured Patterns on Request	Vertical	2040 mm	-	-	-	4.9 kg	N-Type (f)	200 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
WBC256	Wideband Dual Port Vehicle Antenna	20 - 6000 MHz	Measured Patterns on Request	Vertical	1770 mm	-	-	-	6.5 kg	N-Type (f)	Port 1: 150 W Port 2: 100 - 200 W
WB25175C	High Performance Manpack Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	36 mm	1620 mm	-	460 g max	N-Type (m)	20 W
WB25175XT	Wideband High-Power Manpack VHF Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	60 mm	1620 mm	-	630 g max	N-Type (m)	50 W
WB25C0M	High Performance Vehicle Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	-	2250 mm	-	3.45 kg	N-Type (f)	100 W
WB25512B	Manpack Antenna with Flexible Tape Radiator & Goose-	25 - 512 MHz	Measured Patterns on Request	Vertical	-	36 mm	1520 mm	-	500 g	N-Type (m)	30 W
WB25512R	High Performance Manpack Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	36 mm	1500 mm	-	490 g	N-Type (m)	30 W
WB25512W	Magnetic Mount Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	88 mm	1550 mm	-	1.1 kg	N-Type (f)	50 W
WB25512XR	High-Power Manpack Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	60 mm	1510 mm	-	660 g	N-Type (m)	50 W
WBC2300	Wideband Dual Port Vehicle Antenna	25 - 3000 MHz	Measured Patterns on Request	Vertical	-	-	1730 mm	-	6.1 kg	N-Type (f)	Port 1: 140 W Port 2: 100 - 200 W
WB30150M1	VHF Vehicle Antenna	30 - 150 MHz	Measured Patterns on Request	Vertical	-	-	1990 mm	-	2.1 kg	-	100 W
WB30175W	Magnetic Mount Antenna	30 - 175 MHz	Measured Patterns on Request	Vertical	-	88 mm	1520 mm	-	950 g	N-Type (f)	50 W
WB30512H1	Compact Handheld Antenna	30 - 512 MHz	Measured Patterns on Request	Vertical	-	-	480 mm	-	160 g	-	10 W
WB1048M	VHF/UHF Vehicle Antenna	100 - 520 MHz	Measured Patterns on Request	Vertical	-	-	600 mm	-	2.2 kg	N-Type (f)	100 W
WB10DXM	Compact VHF/UHF Vehicle Antenna	100 - 520 MHz	Measured Patterns on Request	Vertical	-	-	375 mm	-	2.2 kg	N-Type (f)	200 W
WBCX512H	Lightweight Handheld Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	25 mm	485 mm	-	140 g	N-Type (m)	16 W
WBCX512P	Lightweight Manpack Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	22 mm	450 mm	-	160 g	N-Type (m)	16 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
WBCX512Q	Manpack Antenna with Shock Absorption Spring	118 - 512 MHz	Measured Patterns on Request	Vertical	-	43 mm	495 mm	-	320 g	N-Type (m)	10 W
WBCX512W	Magnetic Mount Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	88 mm	430 mm	-	900 g	N-Type (f)	50 W
WD1350M	Centre-Fed Dipole Vehicle Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1240 mm	-	3 kg	N-Type (f)	100 W
WD1350M-B	Wideband VHF/UHF Dipole Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	120 mm	-	1140 mm	150 mm	3 kg	N-Type (f)	100 W
WD1350Q	Wideband VHF/UHF Dipole Manpack Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	-	940 mm	-	550 g	N-Type (m)	50 W
WB225M	Ultra Wideband VHF/UHF/SHF Vehicle Antenna	200 - 6000 MHz	-1 to 3 dBi Typical	Vertical	-	-	220 mm	150 mm	2.3 kg	N-Type (f)	200 W
WD2250G	Wideband VHF/UHF Dipole Manpack Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	620 mm	-	220 g	TNC (m)	20 W
WD2250M	Wideband VHF/UHF Vehicle Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	740 mm	-	1.8 kg	N-Type (f)	100 W
WD2250M-B	VHF/UHF Dipole Antenna for Mast Mount	225 - 512 MHz	Measured Patterns on Request	Vertical	150 mm	-	640 mm	120 mm	1.8 kg	N-Type (f)	100 W
OMNI-A0351	High-Powered Wideband Marine Antenna	300 - 3000 MHz	See Data Sheet	Vertical	220 mm	-	400 mm	-	< 4 kg	7/16 (f)	500 W
WD4050M	Wideband UHF Vehicle Antenna	400 - 500 MHz	Measured Patterns on Request	Vertical	-	-	510 mm	-	1.7 kg	N-Type (f)	200 W
WB425M	Wideband UHF/SHF Vehicle Antenna	400 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
WB525G	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	-	-	465 mm	-	500 g	N-Type (m)	40 W
WD528Q	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	-	-	400 mm	-	365 g	N-Type (m)	50 W
WB922M	Compact Low-Profile Vehicle Antenna	500 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	-	200 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0265-01	Manpack Wideband High-Power Antenna	500 - 6000 MHz	0 dBi	Vertical	535 mm	83 mm	-	-	< 1 kg	N-Type (m)	150 W (500 MHz - 2 GHz) 100 W (2 - 4 GHz) 80 W (4 - 6 GHz)
OMNI-A0266	Vehicle-Mount Wideband High-Power Antenna	500 - 6000 MHz	0 dBi	Vertical	550 mm	80 mm	-	-	< 1 kg	N-Type (f)	150 W (500 MHz - 2 GHz) 100 W (2 - 4 GHz) 80 W (4 - 6 GHz)
OMNI-A0347	Vehicle Mount Dual Wideband High-Power	500 - 6000 MHz	0 dBi typical	Vertical	1000 mm	-	135 mm	-	< 5 kg	N-Type (f)	150 W (500 MHz - 2 GHz) 100 W (2 - 4 GHz) 80 W (4 - 6 GHz)
WD525M	Wideband UHF/SHF Vehicle Antenna	500 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
WB525W	Wideband UHF/SHF Magnetic Mount Antenna	500 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	141 mm	-	900 g	N-Type (f)	200 W (500 MHz - 2.5GHz) 160 W (2.5 - 4 GHz) 130 W (4 - 6 GHz)
WB922Q	Wideband Manpack Antenna	800 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	340 mm	-	370 g	N-Type (m)	50 W
WB26	Wideband UHF/SHF Manpack Antenna	2000 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	180 mm	-	250 g	N-Type (m)	50 W
SBA4450B	Switched Beam Antenna for 4.4 to 5 GHz	4400 - 5000 MHz	15 dBi	Vertical	-	270 mm	270 mm	-	7 kg	N-Type (f)	10 W
SBA4450XB	High Power SBA	4400 - 5000 MHz	15 dBi	Vertical	-	270 mm	390 mm	-	4.1 kg	N-Type (f)	100 W

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MONITORING ANTENNAS

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0112	Active Monitoring Antenna	0.009 - 300 MHz	-	Vertical	-	140 mm	600 mm	-	< 2 kg	N-Type (f)	Receive Only
OMNI-A0111	All-Mode HF Monitoring Antenna	1 - 30 MHz	-	Vertical & Circular	5000 mm	5000 mm	6000 mm	-	< 180 kg	N-Type (f)	-
WB20CM	Low-profile Wideband Antenna	20 - 140 MHz	Measured Patterns on Request	Vertical	1630 mm	-	-	-	2.2 kg	N-Type (f)	100 W
OMNI-A0099	Horizontally Polarised Omni-Directional Antenna	20 - 500 MHz	See Data Sheet	Linear, Horizontal	-	2000 mm	1000 mm	-	22.5 kg	N-Type (f)	0.25 W
OMNI-A0346	Vehicle Mount VHF Monitoring Antenna	20 - 500 MHz	See Data Sheet	-	1500 mm	-	-	135 mm	< 1.6 kg	-	Receive Only
OMNI-A0155	VHF Monitoring Antenna	20 - 520 MHz	See Data Sheet	-	1600 mm	3000 mm	-	-	3 kg	N-Type (f)	20 W
OMNI-A0195	Wideband HF/VHF/UHF Vehicle Antenna	20 - 520 MHz	See Data Sheet	Vertical	-	135 mm (Base) 35 mm (Radiator)	600 mm	-	< 2 kg	N-Type (f)	Receive Only
OMNI-A0245	Wideband HF/VHF/UHF Vehicle Monitoring Antenna	20 - 520 MHz	See Data Sheet	-	1000 mm	135 mm (Base) 37 mm (Whip)	-	-	< 1 kg	N-Type (f)	Receive Only
OMNI-A0156	Wideband HP Active Monitoring Antenna	20 - 3000 MHz	-	Linear, Horizontal	< 500 mm	< 360 mm	-	-	3 kg	N-Type (f)	-
OMNI-A0098	Active Monitoring Antenna	20 - 6000 MHz	See Data Sheet	Linear, Horizontal	-	350 mm	730 mm	-	< 8.5 kg	N-Type (f)	Receive Only
OMNI-A0107	Active Monitoring Antenna	20 - 6000 MHz	-	Vertical	220 mm	-	350 mm	110 mm	< 1.4 kg	N-Type (f)	Receive Only
OMNI-A0165	Active Monitoring Antenna	20 - 6000 MHz	-20 to 16 dBi	Vertical	200 mm	-	500 mm	500 mm	< 2.5 kg	N-Type (f)	-
OMNI-A0190	Compact Monitoring Antenna	20 - 6000 MHz	-	Vertical	311 mm	102 mm	-	-	1 kg	TNC (f) (standard/02) N-Type (f) (-03/04)	-
OMNI-A0191	Vertical and Horizontal Monitoring Antenna	20 - 6000 MHz	See Data Sheet	Vertical & Horizontal	1020 mm	305 mm	-	-	16 kg	N-Type (f)	Receive Only (-01) 1 W (-02)
OMNI-A0199	Covert Monitoring Antenna	20 - 6000 MHz	See Data Sheet	Vertical	1750 mm	-	450 mm	820 mm	30 kg	N-Type (f)	Receive Only
OMNI-A0205	Marine Active Monitoring Antenna	20 - 6000 MHz	See Data Sheet	Linear, Vertical	-	350 mm	730 mm	-	< 12 kg	N-Type (f)	Receive Only

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0223	Wideband Monitoring Antenna	20 - 6000 MHz	See Data Sheet	Vertical	385 mm (Base) 940 mm (Whip)	100 mm (Base) 24 mm (Whip)	-	-	< 5.5 kg	N-Type (f)	Receive Only
OMNI-A0244	Compact Vehicular Monitoring Antenna	20 - 6000 MHz	-	Vertical	475 mm	102 mm (Antenna) 135 mm (Base)	-	-	< 2.5 kg	N-Type (f)	-
OMNI-A0299	Compact Active Monitoring Antenna	20 - 6000 MHz	-	Linear, Vertical	550 mm	140 mm	-	-	< 2.5 kg	N-Type (f)	Receive Only
OMNI-A0333	Compact Monitoring Antenna	20 - 6000 MHz	-	Vertical	200 mm	< 120 mm	-	-	1 kg	N-Type (f)	-
OMNI-A0258	Active Monitoring Antenna	20 - 9000 MHz	See Data Sheet	Linear, Vertical	-	350 mm	730 mm	-	< 8.5 kg	N-Type (f)	Receive Only
WBM5600M	Active Wideband VHF/ UHF/SHF Monitoring Antenna	50 - 6000 MHz	-4 to 24 dB	Vertical	-	-	220 mm	150 mm	2.3 kg	N-Type (f)	2 W
WB1048M	VHF/UHF Vehicle Antenna	100 - 520 MHz	Measured Patterns on Request	Vertical	-	-	600 mm	-	2.2 kg	N-Type (f)	100 W
WB10DXM	Compact VHF/UHF Vehicle Antenna	100 - 520 MHz	Measured Patterns on Request	Vertical	-	-	375 mm	-	2.2 kg	N-Type (f)	200 W
OMNI-A0240	Wideband Planar Monitoring Antenna	150 - 6000 MHz	> -2dBi	Vertical, Linear	340 mm	-	35 mm	340 mm	< 500 g	SMA (f)	Receive Only
WB225M	Ultra Wideband VHF/ UHF/SHF Vehicle Antenna	200 - 6000 MHz	-1 to 3 dBi Typical	Vertical	-	-	220 mm	150 mm	2.3 kg	N-Type (f)	200 W
WB425M	Wideband UHF/SHF Vehicle Antenna	400 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
WB525G	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	-	-	465 mm	-	500 g	N-Type (m)	40 W
WD528Q	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	-	-	400 mm	-	365 g	N-Type (m)	50 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0268	Wideband HP Active Monitoring Antenna	500 - 3000 MHz	See Data Sheet	Linear, Horizontal	400 mm	165 mm	-	-	3 kg	N-Type (f)	Receive Only
OMNI-A0100	Horizontally Polarised Omni-Directional Antenna	500 - 3000 MHz	See Data Sheet	Linear, Horizontal	-	370 mm	800 mm	-	20 kg	N-Type (f)	0.25 W
WB525M	Wideband UHF/SHF Vehicle Antenna	500 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
WB525W	Wideband UHF/SHF Magnetic Mount Antenna	500 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	141 mm	-	900 g	N-Type (f)	200 W (500 MHz - 2.5GHz) 160 W (2.5 - 4 GHz) 130 W (4 - 6 GHz)
E1215	Heavy Duty L1/L2 GPS Antenna	1227.60 MHz 1575.42 - MHz	24 dB	RHC	-	-	50 mm	-	1.1 kg	N-Type (f)	-
E1516	Heavy Duty GPS Antenna	1561.1 - 1605.4 MHz	26 dB	RHC	-	-	65 mm	-	600 g	N-Type (f)	-
E1500	Heavy Duty Navigation Antenna	1575.42 MHz	26 dB	RHC	-	-	50 mm	-	1.1 kg	N-Type (f)	-
OMNI-A0269	Dual-Polarised Active Monitoring Antenna	2000 - 2500 MHz	2 dBi	Linear, Vertical & Horizontal	-	135 mm (Base) 55 mm (Radome)	110 mm	-	800 g	TNC (f)	Receive Only
HD36	Wideband SHF Manpack Antenna	3000 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	370 mm	-	180 g	N-Type (m)	35 W (3 - 4 GHz) 20 W (4 - 5 GHz)

COMMUNICATION ANTENNAS

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
WB2CC	Wideband Manpack VHF Antenna	20 - 108 MHz	Measured Patterns on Request	Vertical	-	36 mm	2000 mm	-	350 g	N-Type (m)	20 W
WBC2600M	Ultra-Wideband Dual Port Antenna	20 - 512 MHz (Port 1) 500 - 6000 MHz (Port 2)	Measured Patterns on Request	Vertical	-	-	1730 mm	-	6.1 kg	N-Type (f)	140 W (Port 1) 80 W (Port 2) 100 W (Port 2) 150 W (Port 2) 200 W (Port 2)
WB30512M	Wideband VHF/UHF Vehicular Antenna	20 - 520 MHz	Measured Patterns on Request	Vertical	-	-	1930 mm	-	3.3 kg	N-Type (f)	100 W
WB30512XM	Wideband VHF/UHF Vehicular Antenna	20 - 520 MHz	Measured Patterns on Request	Vertical	-	-	2040 mm	-	4.9 kg	N-Type (f)	200 W
OMNI-A0068	Wideband Monitoring Omni Antenna	20 - 3000 MHz	0 dBi typical	Vertical	-	600 mm	1298 mm	-	12 kg	N-Type (f)	Receive Only
WBC256	Wideband Dual Port Vehicle Antenna	20 - 6000 MHz	Measured Patterns on Request	Vertical	1770 mm	-	-	-	6.5 kg	N-Type (f)	Port 1: 150 W Port 2: 100 - 200 W
WB25175C	High Performance Manpack Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	36 mm	1620 mm	-	460 g max	N-Type (m)	20 W
WB25175XT	Wideband High-Power Manpack VHF Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	60 mm	1620 mm	-	630 g max	N-Type (m)	50 W
WB25C0M	High Performance Vehicle Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	-	2250 mm	-	3.45 kg	N-Type (f)	100 W
WB25512B	Manpack Antenna with Flexible Tape Radiator & Gooseneck	25 - 512 MHz	Measured Patterns on Request	Vertical	-	36 mm	1520 mm	-	500 g	N-Type (m)	30 W
WB25512R	High Performance Manpack Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	36 mm	1500 mm	-	490 g	N-Type (m)	30 W
WB25512W	Magnetic Mount Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	88 mm	1550 mm	-	1.1 kg	N-Type (f)	50 W
WB25512XR	High-Power Manpack Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	60 mm	1510 mm	-	660 g	N-Type (m)	50 W
WBC2300	Wideband Dual Port Vehicle Antenna	25 - 3000 MHz	Measured Patterns on Request	Vertical	-	-	1730 mm	-	6.1 kg	N-Type (f)	Port 1: 140 W Port 2: 100 - 200 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0239	Vehicle-Mount V/UHF Antenna	30 - 88 MHz 225 - 512 MHz	-10 to -3 dBi	Vertical	200 mm	140 mm	-	-	5 kg	BNC (f) (Band A) N-Type (f) (Band B)	100 W (Band A) 50 W (Band B)
ATA3090M	Autonomous Tunable Vehicle VHF Antenna	30 - 90 MHz	Measured Patterns on Request	Vertical	-	-	2000 mm	-	3 kg	N-Type (f)	50 W
TA3090M	Low Profile Active Vehicle VHF Antenna	30 - 90 MHz	Measured Patterns on Request	Vertical	-	-	2000 mm	-	3 kg	N-Type (f)	50 W
WB3090B-S	Stationary Tactical VHF Antenna	30 - 110 MHz	Measured Patterns on Request	Vertical	-	-	3500 mm	-	4.2 kg	BNC (f)	75 W
WB30150M1	VHF Vehicle Antenna	30 - 150 MHz	Measured Patterns on Request	Vertical	-	-	1990 mm	-	2.1 kg	-	100 W
WB30175W	Magnetic Mount Antenna	30 - 175 MHz	Measured Patterns on Request	Vertical	-	88 mm	1520 mm	-	950 g	N-Type (f)	50 W
TA3925M	Active Vehicle Antenna	30 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1920 mm	-	3 kg	N-Type (f)	50 W
WB30512H1	Compact Handheld Antenna	30 - 512 MHz	Measured Patterns on Request	Vertical	-	-	480 mm	-	160 g	-	10 W
WBC3924	Dual-Port Vehicle Antenna	30 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1540 mm	-	4.5 kg	N-Type (f)	50 W
TA30512B	Active Wideband Manpack Antenna	30 - 520 MHz	Measured Patterns on Request	Vertical	-	-	450 mm	-	200 g	N-Type (m)	10 W
TA30512H	Active Wideband Handheld Antenna	30 - 520 MHz	Measured Patterns on Request	Vertical	-	22 mm	440 mm	-	140 g	TNC-Type (m)	5 W
TA30512M	Tunable Vehicular VHF/UHF Antenna	30 - 520 MHz	Measured Patterns on Request	Vertical	-	-	1920 mm	-	3 kg	N-Type (f)	50 W
OMNI-A0262	Tri-Band Vehicle Antenna	30 - 2100 MHz	-7 to -3 dBi (30 - 88 MHz) 1 to 3 dBi (225-512 MHz) 0 to 2 dBi (2025-2100 MHz)	Vertical	2600 mm	-	-	-	4.5 kg	N-Type (f) (30-88 MHz) BNC (f) (225-512 MHz) TNC (f) (2025-2100 MHz)	100 W (30-88 MHz) 75 W (225-512 MHz) 10 W (2025-2100 MHz)
OMNI-A0332	High-Powered Wideband Discone Antenna	100 - 400 MHz	0 to 2 dBi	Vertical	-	1000 mm	1000 mm	-	6.5 ± 0.5 kg	N-Type (f)	500 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
WB1048M	VHF/UHF Vehicle Antenna	100 - 520 MHz	Measured Patterns on Request	Vertical	-	-	600 mm	-	2.2 kg	N-Type (f)	100 W
WB10DXM	Compact VHF/UHF Vehicle Antenna	100 - 520 MHz	Measured Patterns on Request	Vertical	-	-	375 mm	-	2.2 kg	N-Type (f)	200 W
OMNI-A0296	Dual-Port Omni Antenna	108 - 520 MHz	-3 to 2 dBi (Port 1) 11 to 16 dBi (Port 2)	Vertical	< 3000 mm	50 mm	-	-	< 5 kg	N-Type (f)	100 W (Port 1) Receive Only (Port 2)
WBCX512H	Lightweight Handheld Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	25 mm	485 mm	-	140 g	N-Type (m)	16 W
WBCX512P	Lightweight Manpack Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	22 mm	450 mm	-	160 g	N-Type (m)	16 W
WBCX512Q	Manpack Antenna with Shock Absorption Spring	118 - 512 MHz	Measured Patterns on Request	Vertical	-	43 mm	495 mm	-	320 g	N-Type (m)	10 W
WBCX512W	Magnetic Mount Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	88 mm	430 mm	-	900 g	N-Type (f)	50 W
WD1350M	Centre-Fed Dipole Vehicle Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1240 mm	-	3 kg	N-Type (f)	100 W
WD1350M-B	Wideband VHF/UHF Dipole Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	120 mm	-	1140 mm	150 mm	3 kg	N-Type (f)	100 W
WD1350Q	Wideband VHF/UHF Dipole Manpack Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	-	940 mm	-	550 g	N-Type (m)	50 W
OMNI-A0206	Dual-Band V/UHF High Power Antenna	120 - 450 MHz 800 - 1000 MHz	-3 to 2 dBi (Band A) 0 to 1 dBi (Band B)	Vertical	1450 mm	-	-	-	3.2 kg	N-Type (f)	50 W
WD2245M	Wideband VHF/UHF Vehicle Antenna	225 - 450 MHz	Measured Patterns on Request	Vertical	-	-	720 mm	-	2.4 kg	N-Type (f)	100 W
HD2245M	High Gain VHF/UHF Vehicle Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1360 mm	-	2.4 kg	N-Type (f)	75 W
HD2245M-B	VHF/UHF High Gain Dipole Antenna for Mast Mount	225 - 512 MHz	Measured Patterns on Request	Vertical	150 mm	-	1260 mm	120 mm	2.4 kg	N-Type (f)	75 W
WB2250H	Wideband VHF/UHF Handheld Monopole Antenna	225 - 512 MHz	-1 to 1 dBi	Vertical	-	18 mm	280 mm	-	70 g	TNC (m)	10 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
WD2250G	Wideband VHF/UHF Dipole Manpack Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	620 mm	-	220 g	TNC (m)	20 W
WD2250M	Wideband VHF/UHF Vehicle Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	740 mm	-	1.8 kg	N-Type (f)	100 W
WD2250M-B	VHF/UHF Dipole Antenna for Mast Mount	225 - 512 MHz	Measured Patterns on Request	Vertical	150 mm	-	640 mm	120 mm	1.8 kg	N-Type (f)	100 W
WD4050M	Wideband UHF Vehicle Antenna	400 - 500 MHz	Measured Patterns on Request	Vertical	-	-	510 mm	-	1.7 kg	N-Type (f)	200 W
WB425M	Wideband UHF/SHF Vehicle Antenna	400 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
WB525G	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	-	-	465 mm	-	500 g	N-Type (m)	40 W
WD528Q	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	-	-	400 mm	-	365 g	N-Type (m)	50 W
OMNI-A0091	Data-Link Antenna	500 - 1500 MHz	5 to 8 dBi	Vertical	-	75 mm	1400 mm	-	< 2.5 kg	N-Type (f)	200 W
WB922M	Compact Low-Profile Vehicle Antenna	500 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	-	200 W
WD525M	Wideband UHF/SHF Vehicle Antenna	500 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
WB525W	Wideband UHF/SHF Magnetic Mount Antenna	500 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	141 mm	-	900 g	N-Type (f)	200 W (500 MHz - 2.5GHz) 160 W (2.5 - 4 GHz) 130 W (4 - 6 GHz)
HD827M	High Gain GSM/3G/LTE Vehicle Antenna	790 - 2700 MHz	4 dBi	Vertical	-	-	560 mm	-	1.1 kg	N-Type (f)	85 W (790 MHz - 1 GHz) 65 W (1 - 1.7 GHz) 60 W (1.7 - 2.2 GHz) 55 W (2.2 - 2.7 GHz)
HD827Q	High Gain GSM/3G/LTE Manpack Antenna	790 - 2700 MHz	Measured Patterns on Request	Vertical	-	-	535 mm	-	410 g	N-Type (m)	85 W (790 MHz - 1 GHz) 65 W (1 - 1.7 GHz) 60 W (1.7 - 2.2 GHz)

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
HD827XM	High Gain GSM/3G/LTE Vehicle Antenna	790 - 2700 MHz	3 dBi	Vertical	-	-	600 mm	-	2 kg	N-Type (f)	80 to 175 W
HD820Q	High Gain Dual-Band Manpack Antenna	800 - 960 MHz 1710 - 2170 MHz	2 dBi (800 - 960 MHz) 4 dBi (1710 - 2170 MHz)	Vertical	-	-	560 mm	-	390 g	N-Type (m)	85 W (800 - 960 MHz) 55 W (1.71 - 2.17 GHz)
HD921M	High Gain Triband Vehicle Antenna	800 - 960 MHz 1710 - 1990 MHz 2110 - 2170 MHz	3 dBi (800 - 960 MHz) 4 dBi (1710 - 2170 MHz)	Vertical	-	-	600 mm	-	2 kg	N-Type (f)	115 W (800 - 960 MHz) 80 W (1.71 - 1.99 GHz) 75 W (2.11 - 2.17 GHz)
OMNI-A0277	GSM Dipole Antenna	800 - 1000 MHz	1 dBi	Vertical	-	35 mm	400 mm	-	250 g	N-Type (f)	50 W
WB922Q	Wideband Manpack Antenna	800 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	340 mm	-	370 g	N-Type (m)	50 W
HD921Q	High Gain Triband Manpack Antenna	870 - 960 MHz 1710 - 1990 MHz 2110 - 2170 MHz	3 dBi (870 - 960 MHz) 4 dBi (1.71 - 1.99 GHz & 2.11 - 2.17 GHz)	Vertical	-	-	540 mm	-	440 g	N-Type (m)	90 W (870 - 960 MHz) 65 W (1.71 - 1.99 GHz) 60 W (2.11 - 2.17 GHz)
OMNI-A0305	High Gain Link-16 Omni Antenna	960 - 1300 MHz	3.5 to 5 dBi	Vertical	-	35 mm	400 mm	-	< 180 g	N-Type (m) (-01) TNC (m) (-02)	50 W
OMNI-A0276	GSM Dipole Antenna	1000 - 2400 MHz	1 dBi	Vertical	-	35 mm	400 mm	-	250 g	N-Type (f)	50 W
OMNI-A0263	ADS-B MLAT Antenna	1030 - 1090 MHz	10 ± 1 dBi	Vertical	-	-	2700 mm	-	25 kg	N-Type (f)	200 W
OMNI-A0109	High Gain L-Band Omni	1150 - 1400 MHz	4 to 5 dBi	Vertical	-	< 25 mm	< 350 mm	-	200 g	N-Type (m) (01/04) TNC (m) (02/03)	20 W
OMNI-A0198	Vehicle-Mount High Gain L-Band Omni	1150 - 1400 MHz	4 to 5 dBi	Vertical	450 mm	35 mm (Antenna) 135 mm (Base)	-	-	700 g	-	20 W
OMNI-A0311	Wideband Omni Directional Antenna	1200 - 1700 MHz	0 to 2 dBi	Vertical	< 180 mm	22 mm	-	-	< 200 g	SMA (m)	10 W
E1215	Heavy Duty L1/L2 GPS Antenna	1227.60 MHz 1575.42 - MHz	24 dB	RHC	-	-	50 mm	-	1.1 kg	N-Type (f)	-
OMNI-A0241	Wideband Dual-Polarised Omni	1350 - 2310 MHz	> 5.5 dBi	Horizontal & Vertical	1100 mm	120 mm	-	-	< 2.9 kg	N-Type (f)	10 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0290	Wideband Dual-Polarised Omni Antenna	1350 - 2310 MHz	3 dBi	Dual Polarised	640 mm	120 mm	-	-	< 2.5 kg	N-Type (f)	10 W
OMNI-A0290	Wideband Dual-Polarised Omni Antenna	1350 - 2310 MHz	3 dBi	Dual Polarised	640 mm	120 mm	-	-	< 2.5 kg	N-Type (f)	10 W
SBA1327B	Switched Beam Antenna for UHF III+	1350 - 2700 MHz	15 to 19 dBi	Vertical	-	500 mm	350 mm	-	15 kg	N-Type (f)	10 W
E1516	Heavy Duty GPS Antenna	1561.1 - 1605.4 MHz	26 dB	RHC	-	-	65 mm	-	600 g	N-Type (f)	-
E1500	Heavy Duty Navigation Antenna	1575.42 MHz	26 dB	RHC	-	-	50 mm	-	1.1 kg	N-Type (f)	-
OMNI-A0135	High Gain L-Band Omni	1600 - 1900 MHz	4 to 5 dBi	Vertical	-	22 mm	340 mm	-	100 g	TNC (m)	20 W
OMNI-A0272	Wideband Dual-Polarised Omni Antenna	1700 - 2700 MHz	4 dBi	Horizontal & Vertical	1100 mm	120 mm	-	-	< 2 kg	N-Type (f)	10 W
OMNI-A0142	High Gain S-Band Omni	2000 - 2500 MHz	4 to 5 dBi	Vertical	-	22 mm	330 mm	-	100 g	TNC (m)	20 W
WB26	Wideband UHF/SHF Manpack Antenna	2000 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	180 mm	-	250 g	N-Type (m)	50 W
HD2400M	High Gain Vehicle Antenna	2100 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	620 mm	-	2 kg	N-Type (f)	50 W
HD2400Q	High Gain Manpack Antenna	2100 - 2500 MHz	3 - 8 dBi	Vertical	-	-	545 mm	-	460 g	N-Type (m)	20 W
OMNI-A0108	High Gain S-Band Omni	2300 - 2700 MHz	4 to 5 dBi	Vertical	-	25 mm	300 mm	-	100 g	N-Type (m) (-01) TNC (m) (-02)	20 W
OMNI-A0154	2.4 GHz Manpack Communications Antenna	2400 - 2500 MHz	6 dBi ± 1 dB	Linear, vertical	460 mm	22 mm	-	-	< 200 g	N-Type (m)	10 W
SBA2458DB	Dual Band Switched Beam Antenna	2400 - 2500 MHz 5700 - 5900 MHz	11 dBi @ 2.45 GHz 15 dBi @ 5.8 GHz	Vertical	-	270 mm	390 mm	-	4.1 kg	N-Type (f)	10 W
SBA2458XDB	High Power Dual Band SBA	2400 - 2500 MHz 5700 - 5900 MHz	11 dBi @ 2.45 GHz 15 dBi @ 5.8 GHz	Vertical	-	270 mm	390 mm	-	4.1 kg	N-Type (f)	100 W
OMNI-A0136	High Gain S-Band Omni	3000 - 3500 MHz	4 to 5 dBi	Vertical	-	22 mm	< 230 mm	-	100 g	TNC (m)	20 W
HD36	Wideband SHF Manpack Antenna	3000 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	370 mm	-	180 g	N-Type (m)	35 W (3 - 4 GHz) 20 W (4 - 5 GHz) 15 W (5 - 6 GHz)
OMNI-A0137	High Gain C-Band Omni	4400 - 5000 MHz	4 to 5 dBi	Vertical	-	22 mm	180 mm	-	100 g	TNC (m)	10 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
SBA4450B	Switched Beam Antenna for 4.4 to 5 GHz	4400 - 5000 MHz	15 dBi	Vertical	-	270 mm	270 mm	-	7 kg	N-Type (f)	10 W
SBA4450XB	High Power SBA	4400 - 5000 MHz	15 dBi	Vertical	-	270 mm	390 mm	-	4.1 kg	N-Type (f)	100 W
OMNI-A0226	5 GHz Manpack Communications Antenna	5200 - 5900 MHz	See Data Sheet	Linear, Vertical	460 mm	22 mm	-	-	< 250 g	N-Type (m)	10 W
OMNI-A0153	5 GHz Manpack Communications Antenna	5200 - 5900 MHz	See Data Sheet	Linear, vertical	460 mm	22 mm	-	-	< 250 g	N-Type (m)	10 W
OMNI-A0321	5 GHz Vehicle-Mount Communications Antenna	5200 - 5900 MHz	See Data Sheet	Linear, vertical	700 mm	35 mm	-	-	< 1 kg	N-Type (m)	10 W
OMNI-A0138	High Gain C-Band Omni	5500 - 6000 MHz	4 to 5 dBi	Vertical	-	22 mm	180 mm	-	100 g	TNC (m)	10 W
OMNI-A0150	High Gain X-Band Omni	8100 - 8600 MHz	4 to 5 dBi	Vertical	-	22 mm	120 mm (01/02/03) 200 mm (04)	-	120 g (01) 80 g (02/03) 250 g (04)	N-Type (m) (01/04) TNC (m) (02) SMA (m) (03)	5 W

COUNTER-RCIED ANTENNAS

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
GN25N	Flexible Antenna Extender	0 - 2500 MHz	-	-	-	-	250 mm	-	275 g	N-Type (f) N-Type (m)	35 W
WB2CC	Wideband Manpack VHF Antenna	20 - 108 MHz	Measured Patterns on Request	Vertical	-	36 mm	2000 mm	-	350 g	N-Type (m)	20 W
WB20CM	Low-profile Wideband Antenna	20 - 140 MHz	Measured Patterns on Request	Vertical	1630 mm	-	-	-	2.2 kg	N-Type (f)	100 W
OMNI-A0168	Covert IED Suppression	20 - 200 MHz	See Data Sheet	Vertical	200 mm	-	500 mm	500 mm	< 10 kg	N-Type (f)	200 W
WB20200M	High-Performance Vehicle Antenna	20 - 200 MHz	Measured Patterns on Request	Vertical	-	-	2270 mm	-	2.8 kg	N-Type (f)	100 W
WB20220A	Short & Lightweight Manpack Antenna	20 - 220 MHz	Measured Patterns on Request	Vertical	-	36 mm	1000 mm	-	335 g	N-Type (m)	20 W
OMNI-A0124	Manpack VHF High-Power Antenna	20 - 500 MHz	See Data Sheet	-	203 mm (Base) 1280 mm (Whip)	60 mm (Base) 15.5 mm (Whip)	-	-	740 g	-	30 W (20 - 100 MHz) 35 W (100 - 500 MHz)
OMNI-A0180	Manpack VHF High-Power Antenna	20 - 500 MHz	See Data Sheet	-	< 840 mm	35 mm	-	-	550 g	N-Type (m)	30 W (20-50 MHz) 50 W (50-500 MHz)
OMNI-A0188	Wideband VHF/UHF High-Power Antenna	20 - 500 MHz	> -5 dBi	Vertical	2800 mm	130 mm (Base) 80 mm (Whip)	-	-	5 kg	N-Type (f)	100 W
OMNI-A0217	Manpack VHF High-Power Antenna	20 - 500 MHz	See Data Sheet	-	1500 mm	35 mm max	-	-	700 g	N-Type (m)	30 W
OMNI-A0220	Manpack VHF High-Power Antenna	20 - 512 MHz 820 - 960 MHz	See Data Sheet	-	1000 mm	50 mm	-	-	700 g	N-Type (m)	50 W
WBC2600M	Ultra-Wideband Dual Port Antenna	20 - 512 MHz (Port 1) 500 - 6000 MHz (Port 2)	Measured Patterns on Request	Vertical	-	-	1730 mm	-	6.1 kg	N-Type (f)	140 W (Port 1) 80 W (Port 2) 100 W (Port 2) 150 W (Port 2)
OMNI-A0178	Manpack VHF High-Power Antenna	20 - 520 MHz	See Data Sheet	-	125 mm (Base) 875 mm (Whip)	60 mm (Base) 25 mm	-	-	500 g	N-Type (m)	30 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
WB30512M	High-Performance Vehicle Antenna	20 - 520 MHz	Measured Patterns on Request	Vertical	1930 mm	-	-	-	3.3 kg	N-Type (f)	100 W
WB30512XM	High-Performance Vehicle Antenna with High Power Handling	20 - 520 MHz	Measured Patterns on Request	Vertical	2040 mm	-	-	-	4.9 kg	N-Type (f)	200 W
OMNI-A0221	High-Power Wideband Antenna	20 - 3000 MHz	See Data Sheet	Vertical	2100 mm	140 mm (Base) 200 mm (max)	-	-	< 9 kg	N-Type (f)	120 W (Band A) 100 W (Band B)
OMNI-A0082	Covert IED Suppression Antenna	20 - 6000 MHz	See Data Sheet	Vertical	1750 mm	-	450 mm	820 mm	30 kg	N-Type (f)	200 W (Band A) 100 W (Band B) 50 W (Band C & D)
OMNI-A0193	High-Power Wideband Antenna	20 - 6000 MHz	See Data Sheet	Vertical	1450 mm (Whip) 250 mm (Base)	80 mm (Whip) 150 mm (Base)	-	-	< 9 kg	N-Type (f)	200 W (Band A) 150 W (Band B) 50 - 150 W (Band C)
WBC256	Wideband Dual Port Vehicle Antenna	20 - 6000 MHz	Measured Patterns on Request	Vertical	1770 mm	-	-	-	6.5 kg	N-Type (f)	Port 1: 150 W Port 2: 100 - 200 W
WB25175C	High Performance Manpack Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	36 mm	1620 mm	-	460 g max	N-Type (m)	20 W
WB25175XT	Wideband High-Power Manpack VHF Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	60 mm	1620 mm	-	630 g max	N-Type (m)	50 W
WB25C0M	High Performance Vehicle Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	-	2250 mm	-	3.45 kg	N-Type (f)	100 W
WB25512B	Wideband VHF/UHF Manpack Blade Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	36 mm	1520 mm	-	500 g	N-Type (m)	30 W
WB25512R	High Performance Manpack Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	36 mm	1500 mm	-	490 g	N-Type (m)	30 W
WB25512W	Wideband VHF/UHF Magnetic Mount Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	36 mm	1500 mm	-	490 g	N-Type (m)	30 W
WB25512XR	High-Power Manpack Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	60 mm	1510 mm	-	660 g	N-Type (m)	50 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
WBC2300	Wideband Dual Port Vehicle Antenna	25 - 3000 MHz	Measured Patterns on Request	Vertical	-	-	1730 mm	-	6.1 kg	N-Type (f)	Port 1: 140 W Port 2: 100 - 200 W
ATA3090M	Autonomous Tunable Vehicular VHF Antenna	30 - 90 MHz	Measured Patterns on Request	Vertical	-	-	2000 mm	-	3 kg	N-Type (f)	50 W
TA3090M	Tunable Vehicular VHF Antenna	30 - 90 MHz	Measured Patterns on Request	Vertical	-	-	2000 mm	-	3 kg	N-Type (f)	50 W
WB3090B-S	Stationary Tactical VHF Antenna	30 - 110 MHz	Measured Patterns on Request	Vertical	-	-	3500 mm	-	4.2 kg	BNC (f)	75 W
WB30150M1	VHF Vehicle Antenna	30 - 150 MHz	Measured Patterns on Request	Vertical	-	-	1990 mm	-	2.1 kg	-	100 W
WB30175W	VHF Band Magnetic Mount Antenna	30 - 175 MHz	Measured Patterns on Request	Vertical	-	88 mm	1520 mm	-	950 g	N-Type (f)	50 W
TA3925M	Tunable Vehicular VHF/UHF Antenna	30 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1930 mm	-	3.3 kg	N-Type (f)	50 W
WB30512H1	Wideband Manpack/Handheld Antenna	30 - 512 MHz	Measured Patterns on Request	Vertical	-	25 mm	480 mm	-	160 g	N-Type (m)	10 W
WBC3924	Dual Port VHF/UHF Vehicle Antenna	Port 1: 30 - 108 MHz Port 2: 225 - 512 MHz	Measured Patterns on Request	Vertical	-	44 mm	1540 mm	-	4.5 kg	N-Type (f)	50 W
TA30512B	Adaptive Manpack VHF/UHF Antenna	30 - 520 MHz	Measured Patterns on Request	Vertical	-	-	450 mm	-	200 g	N-Type (m)	10 W
TA30512H	Adaptive Handheld VHF/UHF Antenna	30 - 520 MHz	Measured Patterns on Request	Vertical	-	26 mm	420 mm	-	130 g	TNC (m)	5 W
TA30512M	Tunable Vehicular VHF/UHF Antenna	30 - 520 MHz	Measured Patterns on Request	Vertical	-	-	1920 mm	-	3 kg	N-Type (f)	50 W
OMNI-A0184	High-Power Omni-Directional Antenna	100 - 400 MHz	See Data Sheet	Vertical	2500 mm	200 mm	-	-	< 10 kg	TNC (f) (-01) N-Type (f) (-02)	100 W
OMNI-A0081	Wideband VHF/UHF Vehicle Antenna	100 - 520 MHz	0 dBi \pm 2 dB	Vertical	-	135 mm (Base)	25 500 mm	-	4 kg	N-Type (f)	200 W
WB1048M	VHF/UHF Vehicle Antenna	100 - 520 MHz	Measured Patterns on Request	Vertical	-	-	600 mm	-	2.2 kg	N-Type (f)	100 W
WB10DXM	Compact VHF/UHF Vehicle Antenna	100 - 520 MHz	Measured Patterns on Request	Vertical	-	-	375 mm	-	2.2 kg	N-Type (f)	200 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
WB10DXM	Compact VHF/UHF Vehicle Antenna	100 - 520 MHz	Measured Patterns on Request	Vertical	-	-	375 mm	-	2.2 kg	N-Type (f)	200 W
OMNI-A0172	Covert IED Suppression Antenna	100 - 600 MHz	See Data Sheet	Vertical	200 mm	-	500 mm	500 mm	< 10 kg	N-Type (f)	100 W
OMNI-A0187	High-Powered Antenna	100 - 6000 MHz	See Data Sheet	Vertical	-	140 mm (Base) 220 mm	800 mm	-	< 5 kg	N-Type (f)	100 W (Band A & B) 50 W (Band C)
OMNI-A0201	High-Power Wideband Transmit Antenna	100 - 6000 MHz	See Data Sheet	Vertical	< 1450 mm	< 140 mm (Base) < 330 mm	-	-	< 9 kg	N-Type (f)	150 W (Band A) 60 W (Band B & C) 50 W (Band D)
OMNI-A0306	High-Powered Antenna	100 - 6000 MHz	See Data Sheet	Vertical	-	140 mm (Base) < 86 mm	1000 mm	-	< 6 kg	N-Type (f)	150 W (Band A) 100 W (Band B & C) 50 W (Band D)
WBCX512H	Wideband Manpack/ Handheld Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	25 mm	485 mm	-	140 g	N-Type (m)	16 W
WBCX512P	Wideband Manpack Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	22 mm	450 mm	-	16 g	N-Type (m)	16 W
WBCX512Q	Wideband Manpack Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	-	495 mm	43 mm	320 g	N-Type (m)	10 W
WBCX512W	Magnetic Mount Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	88 mm	430 mm	-	900 g	N-Type (f)	50 W
WD1350M	Centre-Fed Dipole Vehicle Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1240 mm	-	3 kg	N-Type (f)	100 W
WD1350M-B	Wideband VHF/UHF Dipole Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	120 mm	-	1140 mm	150 mm	3 kg	N-Type (f)	100 W
WD1350Q	Wideband VHF/UHF Dipole Manpack Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	-	940 mm	-	550 g	N-Type (m)	50 W
WB225M	Ultra Wideband VHF/ UHF/SHF Vehicle	200 - 6000 MHz	-1 to 3 dBi	Vertical	-	-	220 mm	150 mm	2.3 kg	N-Type (f)	200 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
HD2245M	High Gain VHF/UHF Vehicle Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1360 mm	-	2.4 kg	N-Type (f)	75 W
HD2245M-B	VHF/UHF High Gain Dipole Antenna for Mast Mount	225 - 512 MHz	Measured Patterns on Request	Vertical	-	150 mm	1260 mm	120 mm	2.4 kg	N-Type (f)	75 W
WB2250H	Wideband VHF/UHF Handheld Monopole Antenna	225 - 512 MHz	-1 to +1 dBi	Vertical	-	18 mm	280 mm	-	70 g	N-Type (m)	10 W
WD2250G	Wideband VHF/UHF Dipole Manpack Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	22 mm	620 mm	-	220 g	N-Type (m)	20 W
WD2250M	Wideband VHF/UHF Vehicle Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	740 mm	-	1.8 kg	N-Type (f)	100 W
WD2250M-B	VHF/UHF Dipole Antenna for Mast Mount	225 - 512 MHz	Measured Patterns on Request	Vertical	-	150 mm	640 mm	120 mm	1.8 kg	N-Type (f)	100 W
OMNI-A0173	High-Powered Wideband Antenna	300 - 3000 MHz	-0.5 dBi	Vertical	-	220 mm	400 mm	-	< 3.5 kg	N-Type (f)	250 - 400 W
OMNI-A0281	High-Powered Wideband Antenna	300 - 3000 MHz	See Data Sheet	Vertical	-	220 mm	400 mm	-	< 3 kg	7/16 (f)	500 W
WD4050M	Wideband UHF Vehicle Antenna	400 - 500 MHz	Measured Patterns on Request	Vertical	-	-	510 mm	-	1.7 kg	N-Type (f)	200 W
OMNI-A0083	Wideband Manpack Antenna	400 - 4000 MHz	-6 to 2 dBi	Linear	275 mm	55 mm	-	-	< 380 g	N-Type (m)	50 W
OMNI-A0105	Wideband Vehicle-Mount Antenna	400 - 4000 MHz	-6 to 2 dBi	Linear	265 mm	55 mm (Radome) 135 mm (Base)	-	-	< 560 g	N-Type (f)	50 W
WB425M	Wideband UHF/SHF Vehicle Antenna	400 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
WB525G	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	-	-	465 mm	-	500 g	N-Type (m)	40 W
WD528Q	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	-	-	400 mm	-	365 g	N-Type (m)	50 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0162	Vehicle-Mount High-Power Antenna	500 - 800 MHz	4 dBi	Vertical	1100 mm	50 mm	-	-	< 2 kg	N-Type (f)	50 W
WB922M	Compact Low-Profile Vehicle Antenna	500 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	-	200 W
OMNI-A0164	Wideband High-Power and Passive Monitoring Antenna	500 - 6000 MHz	See Data Sheet	Vertical	200 mm	-	500 mm	500 mm	< 10 kg	N-Type (f)	100 W
OMNI-A0186	High-Power Antenna	500 - 6000 MHz	-0.5 dBi	Vertical	-	220 mm	400 mm	-	< 3.5 kg	N-Type (f)	100 W (Band A) 50 W (Band B)
WD525M	Wideband UHF/SHF Vehicle Antenna	500 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
WB525W	Wideband UHF/SHF Magnetic Mount Antenna	500 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	141 mm	-	900 g	N-Type (f)	200 W(500 MHz - 2.5GHz) 160 W (2.5 - 4 GHz) 130 W (4 - 6 GHz)
HD827M	High Gain GSM/3G/LTE Vehicle Antenna	790 - 2700 MHz	4 dBi	Vertical	-	-	560 mm	-	1.1 kg	N-Type (f)	85 W (790 MHz - 1 GHz) 65 W (1 - 1.7 GHz) 60 W (1.7 - 2.2 GHz) 55 W (2.2 - 2.7 GHz)
HD827Q	High Gain GSM/3G/LTE Manpack Antenna	790 - 2700 MHz	Measured Patterns on Request	Vertical	-	-	535 mm	-	410 g	N-Type (m)	85 W (790 MHz - 1 GHz) 65 W (1 - 1.7 GHz) 60 W (1.7 - 2.2 GHz) 55 W (2.2 - 2.7 GHz)
HD827XM	High Gain GSM/3G/LTE Vehicle Antenna	790 - 2700 MHz	3 dBi	Vertical	-	-	600 mm	-	2 kg	N-Type (f)	80 to 175 W
HD820Q	High Gain Dual-Band Manpack Antenna	800 - 960 MHz 1710 - 2170 MHz	2 dBi(800-960 MHz) 4 dBi(1710 - 2170 MHz)	Vertical	-	-	560 mm	-	390 g	N-Type (m)	85 W(800 - 960 MHz) 55 W (1.71 - 2.17 GHz)
HD921M	High Gain Triband Vehicle Antenna	800 - 960 MHz 1710 - 1990 MHz 2110 -	3 dBi(800 - 960 MHz) 4 dBi(1710 - 2170 MHz)	Vertical	-	-	600 mm	-	2 kg	N-Type (f)	115 W(800 - 960 MHz) 80 W(1.71 - 1.99 GHz) 75 W(2.11 - 2.17 GHz)
WB922Q	Wideband Manpack Antenna	800 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	340 mm	-	370 g	N-Type (m)	50 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0152	Dual-Band GSM/UMTS	820 - 2200 MHz	0 dBi	Vertical	131 mm	-	-	71 mm	< 105 g	SMA (m)	50 W
OMNI-A0140	Manpack Wireless High-Power Antenna	850 - 2500 MHz	3 - 4 dBi	Vertical	650 mm	35 mm	-	-	400 g	N-Type (m)	70 W(0.85 - 2.2 GHz) 50 W (2.2 - 2.5 GHz)
OMNI-A0144	Vehicle-Mount Wireless High-Power Antenna	850 - 2500 MHz	3 - 4 dBi	Vertical	700 mm	35 mm	-	-	< 1 kg	N-Type (f)	70 W(0.85 - 2.2 GHz) 50 W (2.2 - 2.5 GHz)
OMNI-A0204	Manpack Wireless High-Power Antenna	850 - 2500 MHz	3 - 4 dBi	Vertical	650 mm	35 mm	-	-	400 g	N-Type (m)	100 W
OMNI-A0243	Vehicle-Mount Wireless Interception Antenna	850 - 2500 MHz	3 - 4 dBi	Vertical	700 mm	35 mm	-	-	< 1 kg	N-Type (f)	100 W
OMNI-A0267	Mast-Mount Wireless Antenna	850 - 2500 MHz	3 - 4 dBi	Vertical	550 mm	35 mm	-	-	< 1 kg	N-Type (f)	70 W(0.85 - 2.2 GHz) 50 W (2.2 - 2.5 GHz)
HD921Q	High Gain Triband Manpack Antenna	870 - 960 MHz 1710 - 1990 MHz 2110 - 2170 MHz	3 dBi(870-960 MHz) 4 dBi(1.71-1.99 GHz) & 2.11-2.17 GHz)	Vertical	-	-	540 mm	-	440 g	N-Type (m)	90 W (870 - 960 MHz) 65 W (1.71 - 1.99 GHz) 60 W (2.11 - 2.17 GHz)
OMNI-A0075	Tri-Band GSM Antenna	925 - 960 Mhz (GSM 900) 1805 - 1990 MHz (GSM 1800 & 1900)	5 dBi ± 0.5 dB (GSM 900) 6 dBi ± 0.5 dB (GSM 1800 & 1900)	Vertical	555 mm	33 mm	-	-	360 g	N-Type (m)	50 W
OMNI-A0090	Tri-Band GSM Antenna	925 - 960 Mhz (GSM 900) 1805 - 1880 MHz (GSM 1800) 1930 - 1990 MHz (GSM 1900)	5 dBi ± 0.5 dB (GSM 900) 6 dBi ± 0.5 dB (GSM 1800 & 1900)	Vertical	650 mm	135 mm	-	-	750 g	N-Type (f)	50 W
OMNI-A0134	Tri Band GSM Antenna	925 - 960 Mhz (GSM 900) 1805 - 1990 MHz (GSM 1800 & 1900)	5 dBi ± 0.5 dB (GSM 900) 6 dBi ± 0.5 dB (GSM 1800 & 1900)	Vertical	710 mm	33 mm	-	-	450 g	N-Type (m)	50 W
OMNI-A0183	High-Power Omni Antenna	960 - 1200 MHz	8 dBi	Vertical	1500 mm	50 mm	-	-	< 3 kg	TNC (f) (-01) N -Type (f)(-02)	50 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
SBA1327B	Switched Beam Antenna for UHF III+	1350 - 2700 MHz	15 - 19 dBi	Vertical	-	500 mm	350 mm	-	15 kg	N-Type (f)	10 W
OMNI-A0219	Manpack Wireless High-Power Antenna	1520 - 2630 MHz	See Data Sheet	Vertical	650 mm	35 mm	-	-	500 g	N-Type (m)	50 W
OMNI-A0086	Mobile S-Band Antenna	2000 - 2500 MHz	5 dBi	Vertical	-	-	450 mm	-	< 1 kg	N-Type (f)	50 W
OMNI-A0089	Mobile S-Band Antenna	2000 - 2500 MHz	5 dBi	Vertical	-	35 mm	460 mm	-	< 400 g	N-Type (m)	50 W
OMNI-A0116	High-Power Omni-Directional Antenna	2000 - 6000 MHz	1 dBi	Vertical	455 mm	35 mm (Antenna) 135 mm (Base)	-	-	700 g	N-Type (f)	50 W
OMNI-A0282	High-Power Omni-Directional Antenna	2000 - 6000 MHz	1 dBi	Vertical	400 mm	40 mm (Antenna) 135 mm (Base)	-	-	700 g	N-Type (f)	150 W
WB26	Wideband UHF/SHF Manpack Antenna	2000 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	180 mm	-	250 g	N-Type (m)	50 W
OMNI-A0189	High-Power Omni-Directional Antenna	2000 - 9000 MHz	1 dBi	Vertical	400 mm	40 mm	-	-	500 g	N-Type (f)	20 W
HD2400M	High Gain Vehicle Antenna	2100 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	620 mm	-	2 kg	N-Type (f)	50 W
HD2400Q	High Gain Manpack Antenna	2100 - 2500 MHz	3 - 8 dBi	Vertical	-	-	545 mm	-	460 g	N-Type (m)	20 W
OMNI-A0132	High Gain Mobile Omni Antenna	2200 - 2400 MHz	5 dBi ± 0.5 dB	Vertical	450 mm	35 mm	-	-	400 g	N-Type (f)	50 W
OMNI-A0130	High Gain Mobile Omni Antenna	2400 - 2500 MHz	6 dBi ± 1 dB	Vertical	450 mm	135 mm	-	-	< 1 kg	N-Type (f)	50 W
SBA2458DB	Dual Band Switched Beam Antenna	2400 - 2500 MHz 5700 - 5900 MHz	11 dBi @ 2.45 GHz 15 dBi @ 5.8 GHz	Vertical	-	270 mm	390 mm	-	4.1 kg	N-Type (f)	10 W
SBA2458XDB	High Power Dual Band SBA	2400 - 2500 MHz 5700 -	11 dBi @ 2.45 GHz 15 dBi @ 5.8 GHz	Vertical	-	270 mm	390 mm	-	4.1 kg	N-Type (f)	100 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
HD36	Wideband SHF Manpack Antenna	3000 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	370 mm	-	180 g	N-Type (m)	35 W (3 - 4 GHz) 20 W (4 - 5 GHz) 15 W (5 - 6 GHz)
SBA4450B	Switched Beam Antenna for 4400 - 5000 MHz	4400 - 5000 MHz	15 dBi	Vertical	-	270 mm	390 mm	-	4.1 kg	N-Type (f)	10 W
SBA4450XB	High Power SBA	4400 - 5000 MHz	15 dBi	Vertical	-	270 mm	390 mm	-	4.1 kg	N-Type (f)	100 W
OMNI-A0129	Wireless High-Power Antenna	5400 - 5900 MHz	6 dBi \pm 1 dB	Vertical	370 mm	135 mm	-	-	700 g	N-Type (f)	50 W