

COUNTER-UAS ANTENNAS

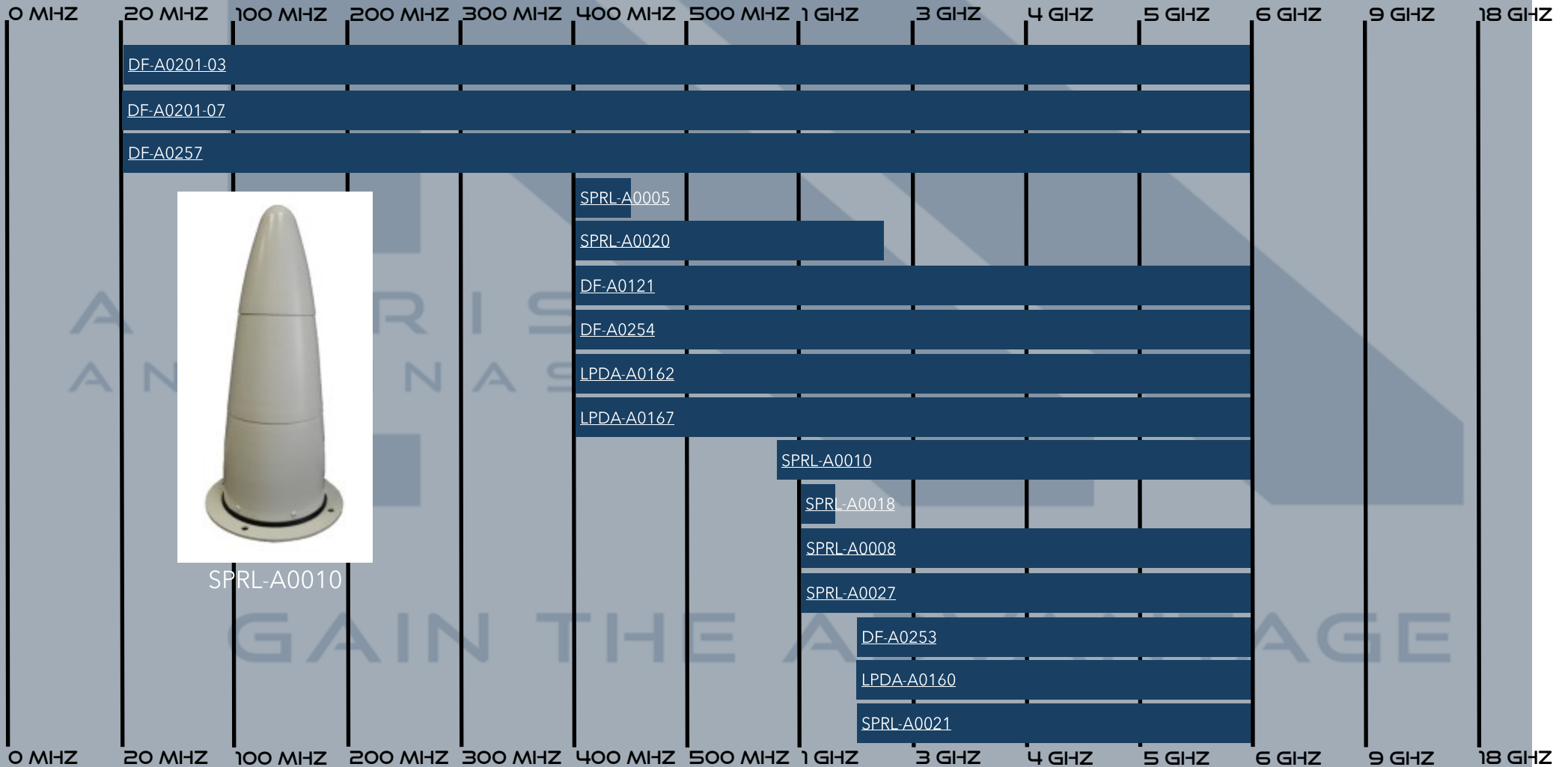


ALARIS
ANTENNAS

GAIN THE ADVANTAGE

COUNTER-UAS ANTENNAS

Alaris Antennas has a large number of antennas which can be used for counter-UAS solutions. The products include linear and circular polarised antennas with various options for sensing, high power transmit and direction-finding applications. The products are designed for use in mobile, base station, and man-portable applications.



SPRL-A0010

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
DF-A0201-03	Manpack/Mobile Watson Watt DF Antenna	20 - 6000 MHz	-	Vertical	-	135 mm	777 mm	-	< 1.75 kg	TNC (f)	-
DF-A0201-07	Compact Adcock DF Antenna	20 - 6000 MHz	-	Vertical	-	135 mm	780 mm	-	< 2.5 kg	MIL-DTL-38999 Multi-Pin	-
DF-A0257	Compact Adcock DF Antenna	20 - 6000 MHz	-	Vertical	-	100 mm	400 mm	-	< 1.5 kg	MIL-DTL-38999 Multi-Pin	-
SPRL-A0005	High Power Circular Polarised Antenna	400 - 450 MHz	> 6 dBi	-	900 mm	510 mm	-	-	< 18 kg	7/16 (f)	700 W
SPRL-A0020	High-Power Circular Polarised Antenna	400 - 2500 MHz	> 6 dBic	LHCP	900 mm	510 mm	-	-	< 12 kg	N-Type (f)	200 W
DF-A0121	Compact Dual Band Direction Finding Antenna	400 - 6000 MHz	-	Vertical	-	304 mm	720 mm	-	< 12 kg	TNC (f)	-
DF-A0254	Compact Adcock DF Antenna	400 - 6000 MHz	-	Vertical	-	83 mm	385 mm	-	< 2 kg	MIL-DTL-38999	-
LPDA-A0162	Dual Port High-Power LPDA Antenna	400 - 6000 MHz	See Data Sheet	Linear	625 mm	-	710 mm	160 mm	< 5 kg	N-Type (f)	100 W CW
LPDA-A0167	Tri Port High-Power LPDA Antenna	400 - 6000 MHz	See Data Sheet	Linear	600 mm	-	880 mm	160 mm	< 6 kg	N-Type (f)	100 W CW
SPRL-A0010	Dual Port Circular Polarised Antenna	900 - 6000 MHz	> 6 dBic	RHCP/LHCP	-	220 mm	450 mm	-	< 2 kg	N-Type (f)	100 W
SPRL-A0018	High Power Circular Polarised Antenna	1000 - 1600 MHz	12 dBi	RHCP	1000 mm	160 mm	-	-	< 3 kg	N-Type (f)	50 W
SPRL-A0008	High Power Circular Polarised Antenna	1000 - 6000 MHz	> 6 dBi	LHCP	320 mm	150 mm	-	-	< 4 kg	N-Type (f)	50 W
SPRL-A0027	Cavity Backed Spiral Antenna	1000 - 6000 MHz	3 to 5 dBi	LHCP & RHCP	72 mm	163 mm	-	-	500 g	SMA (f)	10 W CW
DF-A0253	Compact Adcock DF Antenna	2000 - 6000 MHz	-	Vertical	-	83 mm	388 mm	-	< 2 kg	SMA (f)	< 1 W
LPDA-A0160	High-Power LPDA Antenna	2000 - 6000 MHz	> 9 dBi	Linear	105 mm	-	-	341 mm	TBD	N-Type (f)	See Data Sheet
SPRL-A0021	High Power Circular Polarised Antenna	2000 - 6000 MHz	10 dBic	RHCP	< 550 mm	100 mm	-	-	< 2 kg	N-Type (f)	100 W