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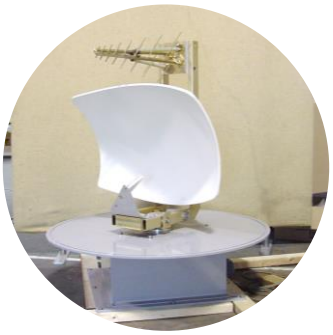
SAS-0518 SERIES



The **SAS-0518** Series features broadband Direction-Finding systems designed for military and security signal surveillance applications on shipboard platforms.

The system has a low band log-periodic antenna and a high band shaped fan beam reflector antenna. An azimuth positioner rotates at 200 RPM to provide fast signal updates. The ACU-3 series Controller and cable set make a complete unit that will send the received RF signals to your box for analysis.

An optional SAS-0518-C3275 configuration has a 0.5 to 18GHz slant omni antenna integral to the top of the radome. All RF signals are routed through to the fixed base plate.

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FEATURES

- Positioner Unit Tested for Shipboard Above-Deck Applications
- Optional LNAs, Bypass Switches, Limiters, and Filters are available.
- Available in Ship Gray, Desert Tan, OD Green, White
- Weight 290 to 315 lbs
- Made in the USA

Specifications		
	SAS-0518	**SAS-0518-C3275**
Antenna Gain	Low Band: 6 to 9 dBi High Band: 9 to 20 dBi	Low Band: 6 to 9 dBi High Band: 9 to 20 dBi Omni: 0 dBi Nominal
Polarization	Slant 45° Linear	Slant 45° Linear (Omni and Directional)
Extended Dimensions	38" Diameter x 55" Tall	38" Diameter x 73" Tall
Weight	290 lbs	315 lbs
Amplifier Gain, NF	29 dB Min Gain; 3.5 dB N.F.	
Frequency	Low Band: 500 to 2000 MHz High Band: 2 to 18 GHz	
VSWR	2.5:1 Max	
Impedance	50 Ω	
Az Beamwidth (3 dB)	Low Band: < 70° High Band: < 20°	
Operating Temperature	-10° to 50° C	
Storage Temperature	-40° to 85° C	
Range of Motion/Speed	Continuous Azimuth up to 200 RPM	
Antenna Connectors	Two N-Type Female	

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