

VERDANT JH 311 N1B

VHF Blade Antenna

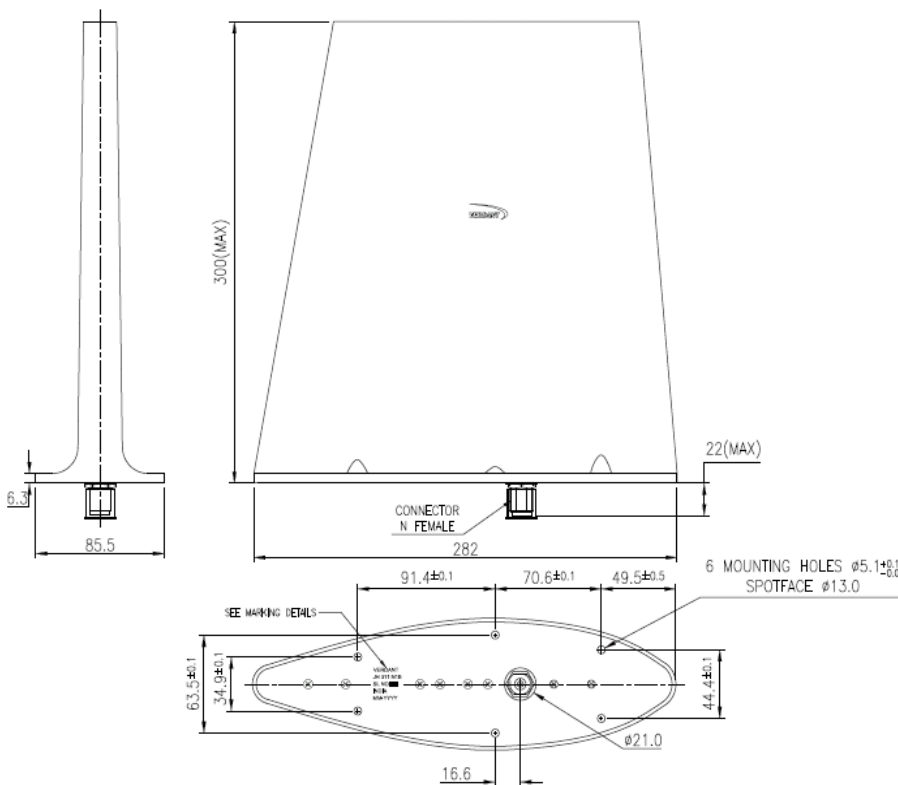


JH 311 N1B is an Airborne Very High Frequency (VHF) phase matched blade antenna designed to be used as DF arrays with DF systems covering 100-250 MHz frequency band. These antennas are designed as low drag blade antennas suited for fixed wing air crafts, helicopters and UAVs. The fiber reinforced single piece epoxy antenna shell is designed to meet the stringent MIL requirements. The unique electrical design of the antenna ensures superior phase matching across the band. These antennas can also be individually used with communication systems and offer excellent omni-directional coverage.

SPECIFICATIONS	ELECTRICAL		MECHANICAL	
	Frequency Range	100-250 MHz	Weight	1400 grams (Max)
	VSWR	≤2.7:1	Height	300 mm (Max)
	Polarization	Vertical	Material	Glass Epoxy
	Radiation Pattern	Omnidirectional in azimuth	Finish	White Gloss/ Matt Black
	Phase Tracking	4° deviation at any frequency	Connector	N Type (F)
	Static Protection	DC Grounded	ENVIRONMENTAL	
	Power RF	20 W CW	Temperature	-55° C to +90° C
			Altitude	60,000 feet

*Contact us for your customized requirements

Tests in accordance with MIL 810 F



Dimensions are in mm

0418 Rev 02



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