



SPECIALISTS FOR ULTRA HIGH FREQUENCIES

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# VSAT-2432-SB SATCOM-ON-THE-MOVE

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THE VSAT-2432-SB IS AN OMNI-DIRECTIONAL, LOW-HORIZON-SATELLITE ANTENNA COVERING THE FREQUENCY BAND OF 240-320MHz. THE VSAT-2432-SB IS IDEALLY SUITED FOR FAST, ON-THE-MOVE SATCOM APPLICATIONS IN A SHIPBOARD ENVIRONMENT.

THE VSAT-2432-SB ANTENNA PROVIDES RIGHT-HAND CIRCULAR POLARIZATION AND BOASTS A POWER HANDLING CAPABILITY OF 50 WATTS AND LESS THAN 2.5:1 VSWR ACROSS THE ENTIRE OPERATING BAND.

THE VSAT-2432-SB ANTENNA COMES IN A ONE PIECE CONSTRUCTION WITH A MOUNTING FLANGE CAPABLE OF BEING FASTENED TO ANY FLAT SURFACE. THE VSAT-2432-SB IS COMPRISED OF AN ALUMINUM BASE WITH ALUMINUM SIDEWALLS AND A FIBREGLASS DOME.

THE ANTENNA COMES STANDARD FINISHED WITH AN EPOXY POLYIMIDE BASECOAT WITH A SILICONE ALKYD TOPCOAT IN HAZE GREY.



#### FEATURES:

- EXCELLENT LOW ANGLE PERFORMANCE
- PERFORMS WITH OR WITHOUT A GROUND PLANE
- RUGGED AND RELIABLE DESIGN
- WATER-PROOF, SALT-PROOF
- DESIGNED TO MEET MIL-S-901 AND MIL-STD-167

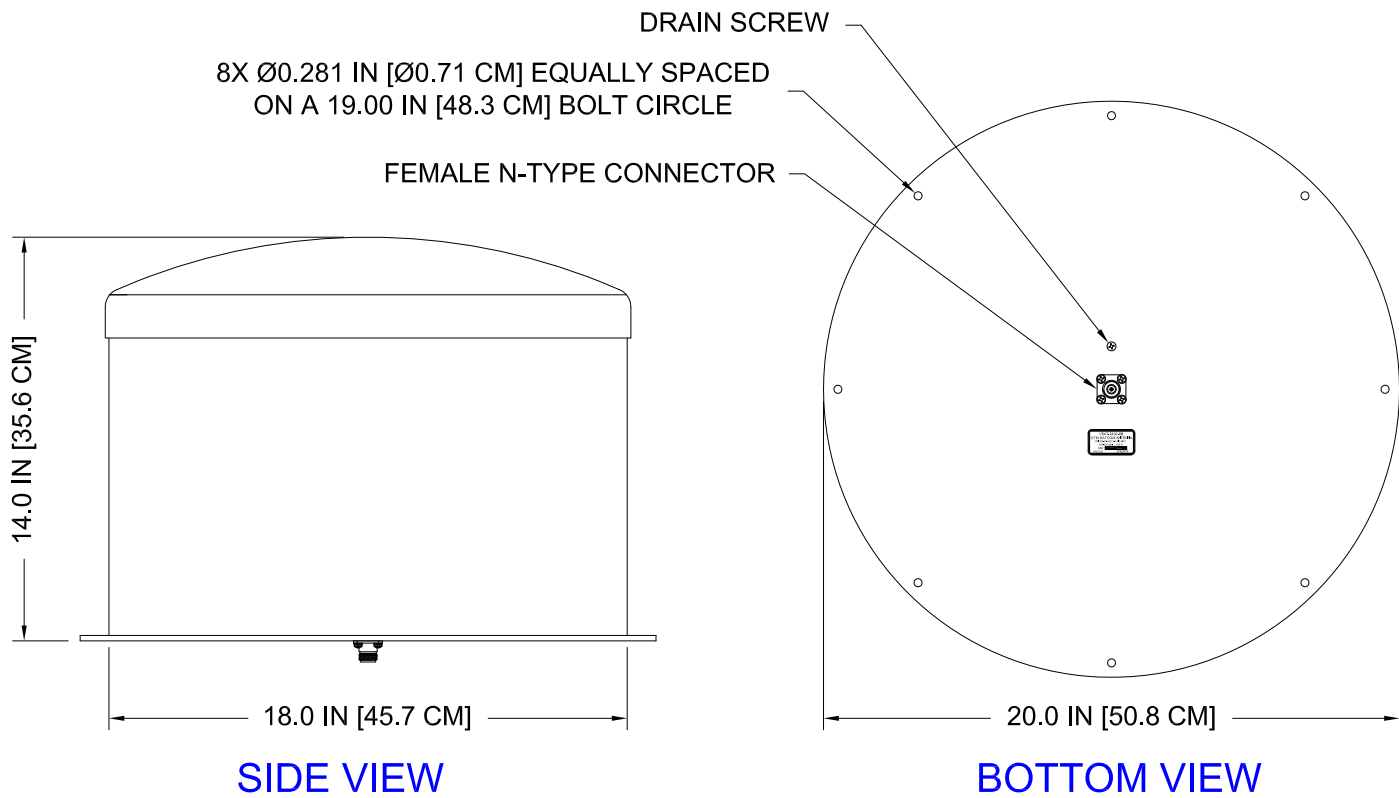
# QUICK REFERENCE DATA VSAT-2432-SB

## ELECTRICAL

FREQUENCY RANGE	240 - 320 MHz
RADIATION PATTERN	OMNIDIRECTIONAL
GAIN @ 10°	-5.0 TO -2.0 dBiC
GAIN @ 90°	+3.5 TO +5.5 dBiC
VSWR	2.5:1 MAXIMUM
POLARIZATION	RH CIRCULAR
POWER HANDLING	50 WATTS CONTINUOUS
NOM INPUT IMPEDANCE	50 OHMS
INPUT CONNECTOR	N-TYPE

## MECHANICAL

WEIGHT	21.5 LBS (9.8 KG)
HEIGHT	14.0 IN [35.6 CM]
TEMPERATURE	-40°F TO +140°F (-40°C TO +60°C)
WIND VELOCITY	93 MPH (150 KPH) OPERATING



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Specifications are subject to change without notice.

