DB-3450/VRC

99" (2.5 M) VHF, UHF, BROADBAND TACTICAL DUAL BAND ANTENNA | 30-88 MHZ - 225-450 MHZ

Shakespeare® DB-3450/VRC is a broadband VHF/UHF tactical antenna engineered for reliable communications across the 30–88 MHz and 225–450 MHz frequency ranges. Its innovative dual-band design integrates two antennas within a single, low-profile radome, delivering mechanical and electrical performance comparable to legacy single-band antennas while utilizing one mounting system.

Featuring advanced matching and choking technologies, the DB-3450/VRC provides up to 50 dB of isolation between separate feed lines, reducing co-site and intermod interference. Designed for compatibility with existing tactical vehicle mounting configurations, this antenna delivers dependable performance in demanding military environments.



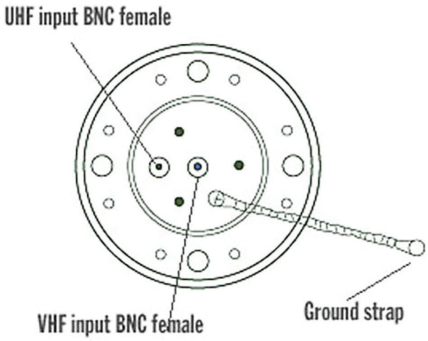
SPECIFICATIONS:

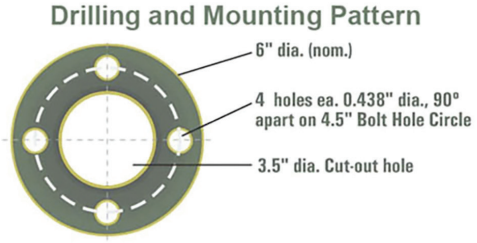
ELECTRICAL

FREQUENCY RANGE:	30 - 88 MHz 225 - 450 MHz
DIPOLE / RADIATION PATTERN:	Monopole
INSTANTANEOUS BANDWIDTH:	VHF=58 MHz UHF=225 MHz
POLARIZATION:	Vertical
INPUT IMPEDANCE:	50 OHMS Nominal
POWER:	150 W CW (30-88 MHz) 100 W CW (225–450 MHz)
CONNECTOR:	30-88 MHz=Type BNC 225-450 MHz=Type BNC
VSWR:	Average 3.5:1 or Less (30-88 MHz) Average 3.0:1 or Less (225-450 MHz)
GAIN:	30-88 MHz = -2 to +4 dBi 225-450 MHz = -4 to +5 dBi

MECHANICAL

HEIGHT:	99" (2.5 m)
WEIGHT:	10 lbs. (4.5 kg)
COLOR:	Green, Tan, Black





NSN # 5985016121737

SHAKESPEARE®

STYLE#
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