SHAKESPEARE®

4242-MK1A

117.6" (2.9 M) VHF END-FED ANTENNA | 30-88 MHZ

Shakespeare® 4242-MK1A is an advanced, vertically polarized, center-fed VHF tactical vehicle antenna. Engineered for reliable military communications, this antenna operates across the 30–88 MHz frequency range and supports up to 100 W continuous RF power. Designed for personnel carriers, tanks, shelters, and other tactical vehicles, this antenna maintains instantaneous bandwidth coverage with a VSWR of 3.5:1 over the entire frequency spectrum. The 4242 MK-Series unique design meets the specifications for frequency-agile radios and is compatible fixed-frequency transceivers. This passive antenna does not require tuning, band switching, a motor drive, a cable harness, or a DC voltage source to the antenna, simply connect 50-ohm coax cable between the transceiver and the antenna.

FEATURES:

- Complete compatibility with NATO and Free World Communications systems
- Rolled thread taper-lock fittings for quick assembly and positive RF conduction
- Virtually indestructible, Xenoy® feed-thru base with flexible shock spring
- Safety-engineered, upper section of antenna affords protection from electrocution in the event of power line contact

SPECIFICATIONS:

ELECTRICAL

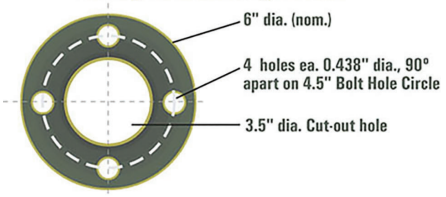
FREQUENCY RANGE:	30 - 88 MHz
DIPOLE / RADIATION PATTERN:	Monopole
INSTANTANEOUS BANDWIDTH:	58 MHz
POLARIZATION:	Vertical
INPUT IMPEDANCE:	50 OHMS Nominal
POWER:	100 W CW
CONNECTOR:	Type - BNC
VSWR:	Average 3.5:1 or Less
GAIN:	-2 to +6 dBi

MECHANICAL

HEIGHT:	117.6" (2.9 m)
WEIGHT:	9.5 lbs. (4.3 kg) Approximate
COLOR:	Green, Tan, Black



Shakespeare Model 4242-MK Series Drilling and Mounting Pattern



NSN # 5985013297763

SHAKESPEARE®

STYLE#
4242-MK1A

117.6" (2.9 M) VHF END-FED ANTENNA | 30-88 MHZ

