SHAKESPEARE®

HP-LP-3512/VRC

51" (1.2 M) VHF, UHF, BROADBAND ANTENNA (LOW PROFILE) | 30-512 MHZ

Shakespeare® HP-LP-3512/VRC is a compact, broadband VHF/UHF antenna engineered for reliable military and tactical communications across the 30–512 MHz frequency range. Engineered with Shakespeare's patented broadband technology, this antenna provides gain comparable to the legacy AS-3900A/VRC. It provides expanded coverage for EPLRS, public safety, and commercial interoperability frequencies. Designed for high-power, multi-radio applications, HP-LP-3512/VRC supports up to 200 W RF power and offers compatibility with multiple radios using existing combiner multiplexers, without requiring tuning or operator intervention. An optional diplexer enables dual-feed operation for enhanced communication flexibility. Its compact, low-profile design reduces vertical signature while maintaining dependable performance in demanding tactical environments.

HP-LP-3512/VRC meets or exceed MIL-STD-810, as well as survival in even the harshest mechnical test, the Oak Beam Impact Test.



SPECIFICATIONS:

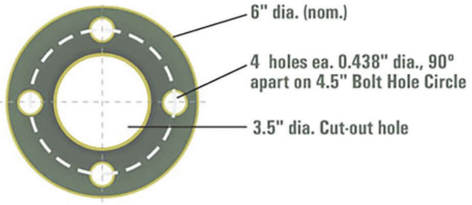
ELECTRICAL

FREQUENCY RANGE:	30 - 512 MHz
DIPOLE / RADIATION PATTERN:	Monopole
INSTANTANEOUS BANDWIDTH:	482 MHz
POLARIZATION:	Vertical
INPUT IMPEDANCE:	50 OHMS Nominal
POWER:	200 W (50% Duty Cycle)
CONNECTOR:	Type N
VSWR:	Average 3.5:1 or Less
GAIN:	-6 to +9 dBi

MECHANICAL

HEIGHT:	51" (1.2 m)
WEIGHT:	6 lbs. (2.7 kg)
WIND RATING:	>100 MPH (>160 km/h)
COLOR:	Green, Tan, Black

Drilling and Mounting Pattern



SHAKESPEARE®

51" (1.2 M) VHF, UHF, BROADBAND ANTENNA (LOW PROFILE)| 30-512 MHZ

