HP-5250S/VRC

HIGH-POWER VHF, UHF, BROADBAND, HG ANTENNA | 500-2500 MHZ

Shakespeare® HP-5250S/VRC is a high-power broadband VHF/UHF antenna engineered for reliable military and tactical communications across the 500–2500 MHz frequency range, with a 2 GHz instantaneous bandwidth and 200 W continuous RF power rating. Designed for advanced battlefield applications utilizing high-frequency digital data transmission, this antenna features a patented radiator design that optimizes radiation pattern efficiency across a very wide bandwidth while minimizing pattern up-tilt to maintain strong signal coverage toward the horizon.

Featuring a rugged, MIL-STD-810-compliant, fiberglass composite construction, HP-5250S/VRC is built to withstand the rigors of tracked or wheeled military vehicle applications. It provides a ground-independent, low-angle radiation pattern, and fits the standard U.S. four-bolt antenna mount or spring mount.

- U.S. Patent #7142166



SPECIFICATIONS:

ELECTRICAL

FREQUENCY RANGE:	500 – 2500 MHz
DIPOLE / RADIATION PATTERN:	Monopole
INSTANTANEOUS BANDWIDTH:	2 GHz
POLARIZATION:	Vertical
INPUT IMPEDANCE:	50 OHMS Nominal
POWER:	200 W CW
CONNECTOR:	Type - N Standard
VSWR:	3.0:1 or Less
GAIN:	-2 to +4 dBi

MECHANICAL

WEIGHT:	5 lbs. (2.2 kg)
COLOR:	Green, Tan, Black

NSN # 5985015831823

SHAKESPEARE®

STYLE#
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