

COMROD VHF30450DB

VHF/UHF Dual-band antenna

Features:

- 30-88MHz & 225-450MHz
- 2-ports for VHF and UHF
- Designed for operation on all kinds of vehicles including Jeeps, Trucks and other armored vehicles
- Suitable for operation on shelters and to be mounted on masts or in other permanent installations.
- Rugged high quality antenna with a durable construction
- NATO flange base with spring.
- UHF antenna element located at the top of the whip for maximum range
- VHF requires a ground plane

Electrical specifications:

Frequency range	VHF: 30-88MHz UHF: 225-450MHz
VSWR	VHF: > 3.5 UHF: > 3.5
Port-to-port isolation	> 35dB
Nominal impedance	50W
Power rating	VHF: 100W CW UHF: 50W CW
Gain	VHF: -4 .. 1 dB rel. ¼-whip UHF: -3 .. 1.5 dBi
Radiation pattern	Horizontal plane: Omnidirectional
Polarization	Vertical
Connector	VHF: Bottom base BNC UHF: Bottom base BNC

Mechanical specifications:

Design	VHF: End feed monopole. UHF: Center feed dipole. Radiating element completely enclosed in epoxy/fiberglass laminate. Metal parts are brass and stainless steel.
Length	1.53m
Weight	Whip: 1.1kg Base: 2.6kg
Wind rating	55m/s
Finish	Polyurethane lacquer
Temperature range	-55°C to +71°C, -67°F to +160°F

