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RF-3150-AT152

Low Band Manpack Antenna

ELECTRICAL	
Frequency Range	30 - 108 MHz
RF Power Capacity	16 W
Input Impedance	50 ohms (nominal)
Radiation Pattern	Omnidirectional in azimuth (see radiation pattern below)
Polarization	Linearly polarized, relative to 50 ohms
VSWR	< 3.5:1
Gain	> -10 dBi at 30 MHz > -2 dBi at 60 MHz > 0 dBi at 108 MHz

ENVIRONMENTAL	
Meets MIL-STD-810F	

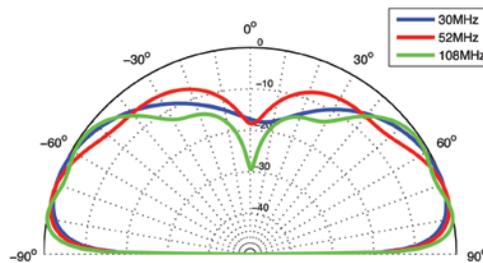
MECHANICAL	
RF Connector	TNC male

PHYSICAL	
Deployed Dimensions	48.5 in (approx. 123 cm)
Stowed Size	< 17 in (approx. 43 cm)
Weight	8.7 oz (0.247 kg)
Color	Black, matte finish

Specifications are subject to change without notice.



The RF-3150-AT152 is a VHF, linearly polarized, end-fed monopole blade antenna engineered for use with the AN/PRC-117G(V)1(C) and RF-7800M-MP Falcon III® manpacks. This ruggedized tactical solution includes a flexible gooseneck, TNC connector, matching network and a foldable, sleeved-blade radiator. The low band manpack antenna achieves optimum performance at-the-halt, and is mounted directly on the radio. While it can be folded and deployed for on-the-move operations, communications range will be limited.



RF-3150-AT152 Typical Radiation Pattern when mounted on the Falcon III manpack over ground

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