



**L3HARRIS™**  
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## RF-3162-AT001

### Multiband Soldier Antenna

#### GENERAL

Nomenclature	RF-3162-AT001 Antenna Dipole, Multiband Minipack
Frequency Range	30-512 MHz
Polarization	Vertical
Gain	-15 to -2 dBi from 30 to 108 MHz 0 to +2 dBi from 108 to 512 MHz
Radiation Pattern	Omni-directional
VSWR	<3.5:1
RF Impedance	50 ohms (nominal)
Power	10 Watt
Matching	Passive

#### PHYSICAL

Height	5.8 ft (1.7 m)
Weight	2.5 lbs (<1.1 kg)
Diameter	1 in (2.5 cm)
Color	Black
Elevation Kit	5 M

#### ENVIRONMENTAL

Submersible	20 meters
EMI/RFI	MIL-STD-810F

#### INTERFACES

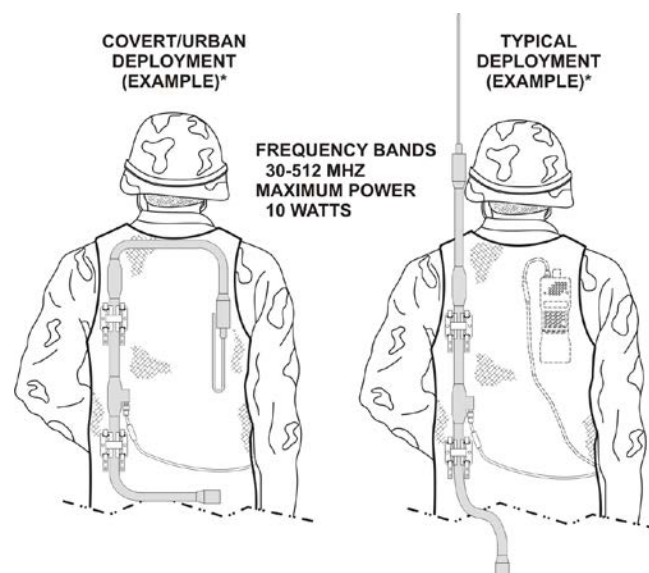
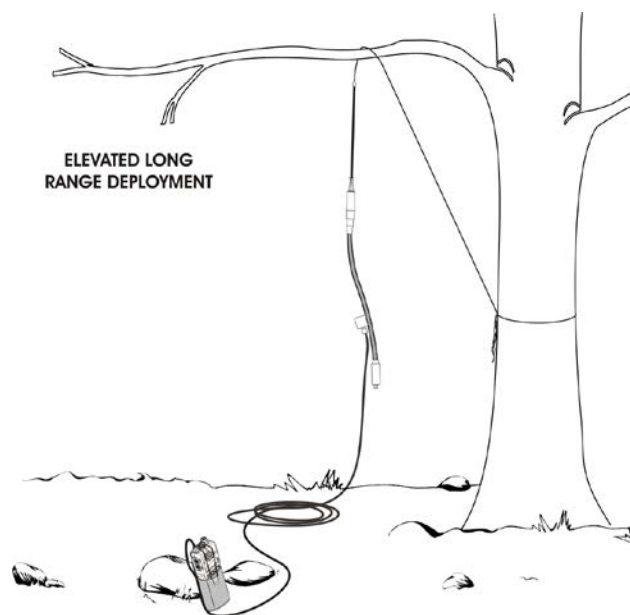
RF Connection	TNC (male)
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The L3Harris RF-3162 is an omnidirectional, vertically polarized antenna designed for operation while directly attached to user vests or rucksacks. This multiband solution achieves similar range performance with a 1-kg 5 watt handheld radio, as compared to a traditional manpack radio with an integrated blade antenna. The RF-3162 includes a multiband dipole antenna, a fast-mount assembly, elevation kit and coaxial cable radio connector. This flexible, multiband soldier antenna attaches to clothing or web gear and adjusts to body shape or movement to remain comfortable. The RF-3162 is ground-independent and can be easily deployed in a variety of configurations. The elevation kit allows the antenna to be hoisted into trees or up masts to increase antenna height and extend Line-Of-Sight communications.

[L3Harris.com](http://L3Harris.com)

FEATURES	
High Gain Antenna	VHF dipole, UHF dipole
Light Weight	Lighter equipment load compared to manpack
Multi-configuration	Soldier-worn, covert, and remote Elevated mounting deployment
Range improvement	Outperforms both the “rubber duck” and blade antenna on higher power manpack radios
Ergonomic Design	“Goose neck” design conforms to operator’s body



#### RF-3162-AT001 Multiband Soldier Antenna

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#### Non-Export Controlled Information

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