



**L3HARRIS™**  
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## RF-3184-AT320

### UHF Vehicular Dipole Antenna

#### MECHANICAL

RF Connector	Type N female
Mounting	Four 0.5 in holes, equally spaced around a 4.5 in bolt circle

#### ENVIRONMENTAL

Meets MIL-STD-810F

#### ELECTRICAL

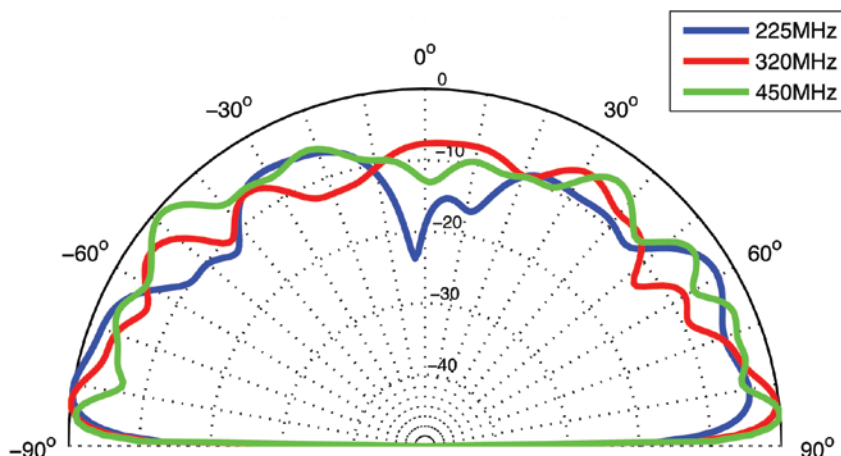
Frequency Range	225 - 450 MHz
RF Power Capacity	100 watts
Input Impedance	50 ohms nominal
Radiation Pattern	Omni-directional in azimuth, see radiation pattern below
Polarization	Linearly polarized, relative to 50 ohms
VSWR	< 3.0:1, relative to 50 ohms
Gain	+0 dBi

#### PHYSICAL

Length	35 in (88.9 cm)
Weight	6.1 lbs (2.77 kg)
Color	RF-3184-AT320: 383 Green RF-3184-AT324: 686 Tan



The RF-3184-AT320 is an omni-directional, center-fed dipole antenna designed for use with the AN/PRC-117F, AN/PRC-117G, RF-7800M-MP, RF-5800M and AN/VRC-103 Falcon II® and Falcon III® radios. This vehicular solution bolts directly to the L3Harris RF-292 Universal Antenna Mount or a NATO-standard 4.5-inch bolt circle. The RF connection is Type N (female) and it is located in the antenna base. The RF-3184-AT320 consists of a spring base and fiberglass-encased dipole radiator is rated at 100 watts of power and does not require a ground plane or tuning electronics. The complete package includes the antenna assembly and mounting hardware. The RF-292 Universal Mount or other hardware must be ordered separately.



RF-3184 TYPICAL RADIATION PATTERN WHEN MOUNTED ON CORNER OF HMWV

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1025 W. NASA Boulevard  
Melbourne, FL 32919