



L3HARRIS™
FAST. FORWARD.

RF-291-AT001

VHF High-band/UHF Discone Antenna

ELECTRICAL	
Frequency Range	100-512 MHz (usable up to 1000 MHz)
Polarization	Vertical
Impedance	50 ohm (nominal)
VSWR	< 2.5:1
Gain	> 2 dBi
Power Rating	350 watts continuous
Radiation Pattern	Omnidirectional

PHYSICAL	
Dimensions	3.3 ft (1 m) Antenna without mast
Weight	12 lbs (~5.4 kg) Antenna Only 46 lbs (~21 kg) Complete Kit
Color	Mast: Green Antenna: Black Bag: Black

ENVIRONMENTAL	
Designed and Tested to	MIL-STD-810

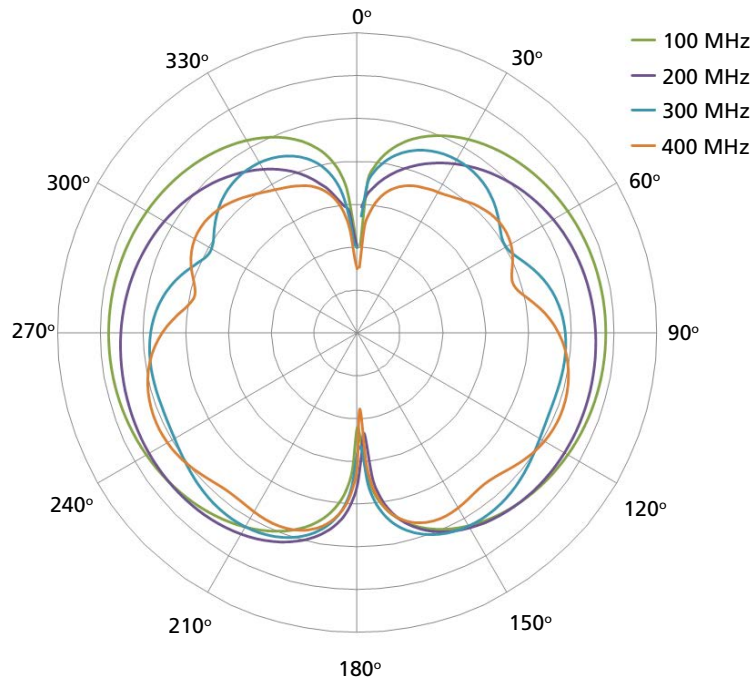
MECHANICAL	
RF Connector	Type N on antenna BNC on end of included coax cable
Mounting	Mast Adapter included

FEATURES	
Extended bandwidth eliminates the need for multiple antennas	
Tall mast extends Line-of-Sight (LOS) range	
15-minute deployment with two people	



The RF-291-AT001 eliminates the need for multiple antennas with an expansive reach across VHF and UHF bands. Ideal for use with L3Harris multiband radios, this omnidirectional, transportable antenna is designed for broadband operation from 100 to 512 MHz, with usability rated up to 100 MHz. The RF-291-AT001 is easily deployed on its sectional 28-foot mast in less than 15 minutes, providing quick extension of Line-Of-Sight communications range.

RF-291-AT001 RADIATION PATTERN



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