



**L3HARRIS™**  
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# RF-3169 AT001

## MUOS Dismount Antenna

GENERAL	
Compatibility	AN/PRC-117G (with MUOS upgrade and diplexer)
POWER	
Frequency Range	300 – 380 MHz
Polarization	Right hand circularly polarized
Impedance	50 Ohm (nominal)
VSWR	2.0:1
Gain	+3.0 dBic
Power Rating	20 W average for 30 minutes
PHYSICAL	
Dimensions:	25.00 in deployed (63.5 cm) 29.13 in stowed (74.0 cm)
Weight:	1.00 lbs (455 grams)
Color/Finish:	Black matte finish
ENVIRONMENTAL	
Temperature	Per MIL-STD-810F, -40° F to 159.8° F (-40° C to 71° C)
Water Ingress	IP67
INTERFACES	
RF Connector	N-Type Male



### MUOS and SATCOM Connectivity for Forces On-the-Move

Compact and lightweight, the MUOS Dismount Antenna connects to the L3Harris Falcon III® AN/PRC-117G manpack via a diplexer to keep ground forces connected while on-the-move. The RF-3169-AT001 is hemispherical, ideal for the dismounted soldier and operates within the 300 to 380 MHz range. The antenna includes a gooseneck feature that allows flexible rucksack-worn or in-the-ground placement.

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1025 W. NASA Boulevard  
Melbourne, FL 32919