



L3HARRIS™
FAST. FORWARD.

RF-3080-AT001

Portable UHF SATCOM Antenna, 240-400 MHz

ELECTRICAL

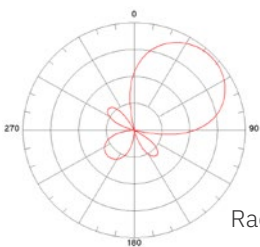
Frequency Range	240 – 400 MHz
Polarization	Right hand circular
Impedance	50 ohm (nominal)
VSWR	<1.5:1
Gain	+11 dBic (240 to 318 MHz)
Power Rating	200 W Continuous
Hybrid Balun	Passive
Radiation Pattern	60° beam with directors

MECHANICAL

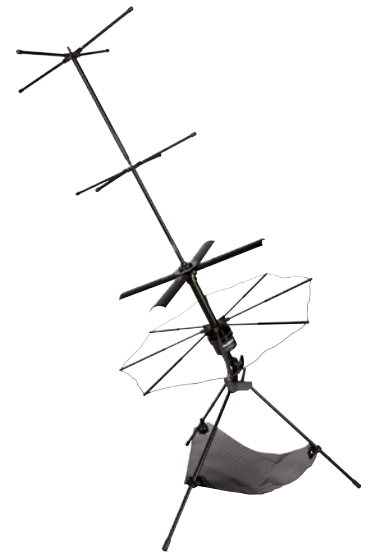
Dimensions	18.5 H x 6 W x 6 D in (packaged) 40 H x 24 W x 24 D in (deployed)
Weight	6.3 lbs (2.9 kg)
RF Connector	BNC male
Color	Black
Wind Rating	70 mph
Temperature Operating	-30° to 70°C
Mounting	Included Tripod
Feed Line	(2) cable assemblies 12.5 ft (3.8 m)

FEATURES

- Lightweight
- High Gain
- Easy to assemble
- Easy to direct radiation pattern towards different satellites
- Circular polarization



Radiation Pattern



The L3Harris RF-3080-AT001 antenna provides maximum UHF SATCOM performance in a 6.3 pound package. The crossed Yagi antenna design, in a partially assembled package, allows rapid deployment and a directional high-gain radiation pattern with a frequency range of 240 to 400 MHz. The RF-3080-AT001 includes a feed system with reflector, two sets of directors, tripod, two coaxial cable assemblies and a carry bag. The antenna's unique foldable design allows it to fit into an 18.5 x 6 x 6 inch package, making it easy to stow and transport.

RF-3080-AT001

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