



L3HARRIS™
FAST. FORWARD.

RF-7800W-AT202

Two-Foot Panel Antenna

GENERAL	
RT Nomenclature	RF-7800W-AT202
Frequency Range	4.4 - 5.875 GHz
Antenna Mount	Bracket Mount
RF Connector	Type N Female (2)

ELECTRICAL	
Gain	26 dBi nominal
Impedance	50 Ohm (nominal)
Polarization	Dual Linear (horizontal and vertical)
VSWR	2.1:1 Typical
Radiation Pattern	6° beamwidth (H and V)
Front to Back	>30 dB isolation
Port to Port	>30 dB isolation
Cross Polarization	>20 dB separation

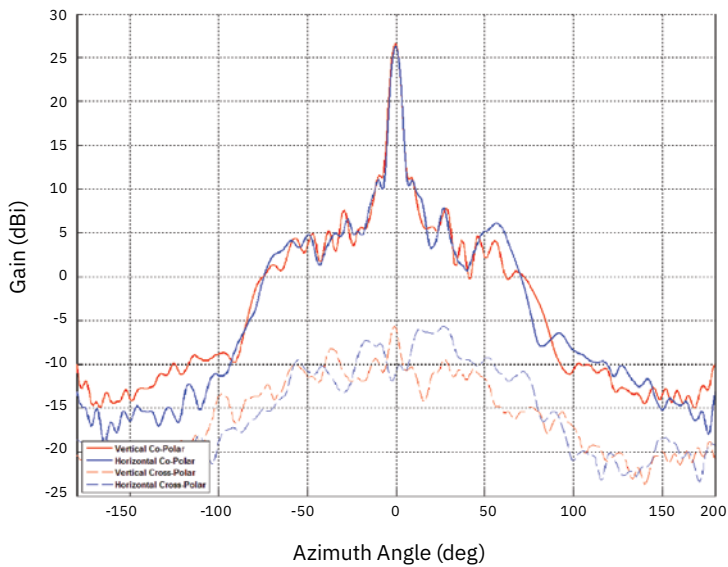
PHYSICAL	
Dimensions	24 H x 24 W x 2.9 D in (61.0 H x 61.0 W x 7.3 D cm)
Antenna Weight	12.6 lbs (5.7 kg)
Color	FED-STD-595C Green

ENVIRONMENTAL	
Temperature	-40°F to 140°F (-40°C to 60°C) MIL-STD-810G
Relative Humidity	95% MIL-STD-810G
Vibration	Cat 5 Loose Cargo MIL-STD-810G
Shock	MIL-STD-810G
Salt Fog	MIL-STD-810G
Sand and Dust	MIL-STD-810G
Wind	125 MPH (201 KPH)



The L3Harris RF-7800W-AT202 Two-Foot Panel Antenna is engineered to get the most gain for its size and weight. Lightweight and easy to use, this antenna is ideal for rapid deployment during mobile operations with communications ranges up to 60 km. The RF-7800W-AT202 covers frequency ranges of 4.4 to 5.875 GHz, including NATO Band IV, public safety, ISM and various unlicensed bands. This versatile solution has two RF feeds, is horizontally and vertically polarized and supports the MIMO function of the L3Harris Falcon III® Multimission High-Capacity Line-Of-Sight Radio.

TWO-FOOT PANEL ANTENNA (RF-7800W-AT202) GAIN



RF-7800W-AT202 Two-Foot Panel Antenna
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