



# **SIGNAL ANTENNA SYSTEMS**

## **MODEL: KUFP-122419-1**

*Product Data Sheet*

**KUFP-122419-1:** Ku-Band, flat-panel array antenna with high aperture efficiency and wideband performance. Ideal for applications requiring small form factor aperture and medium to high gain. Excellent alternative to standard horn antenna.



### **PERFORMANCE CHARACTERISTICS**

#### **RF and Electrical**

Frequency Range	10.7 – 13.5 GHz
Gain	21 dBi (Nominal)
3-dB Beamwidth (E-Plane)	18°
3-dB Beamwidth (H-Plane)	18°
Polarization	Linear (Vertical)
VSWR	1.8:1
Power Handling	100 Watts

#### **MECHANICAL**

Dimensions	3.0" x 3.0" x 0.75"
Weight	2.5 oz
Mounting	8x 0.150" OD holes

#### **INTERFACE**

WR-75 Cover Flange	
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#### **ENVIRONMENTAL**

Operating Temperature	-55° to 75°
Altitude	50,000 ft
Humidity	100% Non-Cond.

#### **ADDITIONAL QUALIFICATIONS**

MIL-STD-810E and DO-160
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