



SIGNAL ANTENNA SYSTEMS

MODEL: KUFP-142421-1

Product Data Sheet

KUFP-142421-1: 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	12.7 – 15.5 GHz
Gain	22 dBi (Nominal)
3-dB Beamwidth (E-Plane)	9.0°
3-dB Beamwidth (H-Plane)	18°
Polarization	Linear (Vertical)
VSWR	1.8:1
Power Handling	100 Watts

MECHANICAL

Dimensions	4.76" x 2.63" x 0.8"
Weight	2.8 oz
Mounting	8x 0.150" OD holes

INTERFACE

WR-62 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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