



Multi-Band Omni Antenna

SCA360F-KW10A

SPECIFICATIONS

Electrical

Ports	1 X Low Band Ports for 698-960 MHz	1 X High Band Ports for 1695-2180MHz
Frequency Range	698-960 MHz	1695-2180 MHz
Gain (Average) ²	6.2 dBi	10.4 dBi
Elevation Beamwidth (-3dB)	17°	8°
Electrical Downtilt	0°	0°
First upper sidelobes at peak gain	< -14 dB	< -12 dB
Interband Isolation (Worse Case)	< -26 dB	< -26 dB
Voltage Standing Wave Ratio (VSWR)	< 1.8:1	< 1.5:1
Passive Intermodulation (2x20W)	≤ -153 dBc	≤ -153 dBc
Input Power Continuous Wave (CW)	100 watts	100 watts
Polarization	V Pol	V Pol
Input Impedance	50 Ohms	50 Ohms
Lightning Protection	DC Ground	DC Ground

Front Isometric View



Mechanical

Bottom View



Dimensions (LxD) 126.0 × 3.0 inches (3200× 76 mm)

Survival Wind Speed > 150 mph (> 240 km/hr)

Front Wind Load 80 lbs (358 N) @ 100 mph (161 kph)

Equivalent Flat Plate Area 3.1 ft² (0.3 m²)

Weight* 20.9 lbs (9.5 kg)

Connector (RF) 2 × 4.3-10 Female

Mounting Pole 2.0 to 3.9 in (5 to 10 cm)

* Does not include weight of Mounting Kit

Ordering Information

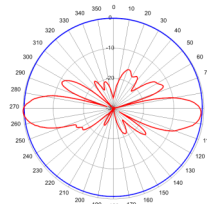
SCA360F-KW10AA-K

Ten foot (3.2 m) Dual-Band Omni antenna with, 4.3-10 Female connectors and MBC-10 mounting brackets

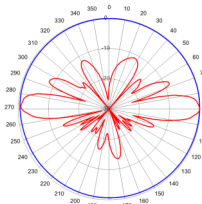
MBC-10

Mounting Bracket (Top & Bottom) See Installation Guide 50-000150-01 for Details, Weight 5.4 Lbs. (2.4 kg)

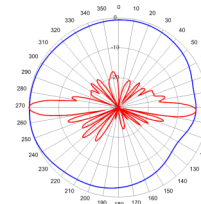
Typical Antenna Patterns



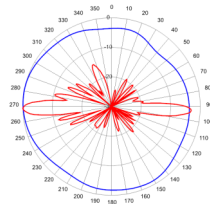
698 MHz



960 MHz



1695 MHz



1895 MHz