

SACP 6x5512

1710 -2180 MHz (6x) CP log-periodic antenna

Features

- ❑ **Transmit Diversity Gain**
- ❑ **Dramatic reduction in sector to sector interference**
- ❑ **Outstanding performance over the entire band (1710 - 2180 MHz)**
- ❑ **Excellent Axial Ratio**
- ❑ **3 ea. independent directional sectors ea. with outstanding performance**
- ❑ **Low intermodulation**
- ❑ **Improved Side-to-side rejection**
- ❑ **Fading reduction**
- ❑ **Excellent isolation between ports**



Electrical specifications

Frequency range:	1710-2180 MHz
Impedance:	50 ohm
Connector type:	7/16 Din
Return loss:	18 dB
Polarization:	Circular
Gain ea. port [Circular]:	6x12 dBdC
Gain ea. port [Linear]:	6x9 dBdL
Axial Ratio:	2 dB
Isolation between ports (TX band):	28 dB
Front-to-back ratio:	30 dB
Intermodulation (2x20W):	IM3 153 dB
	IM5 160 dB
	IM7/9 170 dB
Power rating:	6x 150 W
H-plane (-3 dB point):	6x 55°
V-plane (-3 dB point):	6x 17°
Lightning protection:	DC grounded

Mechanical specifications

Overall height:	24 in	[610 mm]
Diameter:	14 in	[355 mm]
Weight (excluding brackets):	28 lbs	[12.6 Kg]
Wind load measured up to:	150 mph	[240 Km/h]
Wind area (front of antenna):	2.33 sq. ft.	[0.22 sq.m]
Lateral thrust at 113 mph/ 180 Km/h (worst case):	120 lbs	[530 N]

Materials

Radiating Elements:	Silver plated brass
Transformer (Power distribution)	Ceramic PCB
Chassis:	Aluminum
Radome:	PVC/TPO
Mounting:	

The SACP 6x5512 is made in the U.S.A.