

SACPC 8x36010

1710 -2250 MHz (8x) CP quasi-omni “log” antenna

Features

- ❑ **Optimized for 4x4 MIMO**
- ❑ **Using CP. (Circular Polarization) for improved indoor penetration**
- ❑ **Outstanding performance over the entire band (1710 - 2250 MHz)**
- ❑ **Built in MRC combiners**
- ❑ **Allows for 2 ea. independent 4x4 MIMO paths**
- ❑ **Featuring Log-Periodic elements**
- ❑ **Fading reduction**
- ❑ **Excellent isolation between ports**



Electrical specifications

Frequency range:	1710-2250 MHz
Impedance:	50 ohm
Connector type:	7/16 Din or 4.3-10
Return loss (typical):	18 dB
Polarization:	Circular
Gain ea. port [Circular]:	8x12 dBi
Intermodulation (2x20W):	IM3 153 dB
	IM5 160 dB
	IM7/9 170 dB
Power rating:	8x 150 W
H-plane	360°
V-plane (-3 dB point):	35°
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 SACPC 8x36010 is made in the U.S.A.