

S181AM-24

SMA Reverse Polarity Plug(female)

OS

Electrical Properties:

Frequency Range: 2.4~2.5 GHz
Impedance: 50Ω nominal
VSWR: <2.0:1
Gain: 2 dBi
Radiation: Omni
Polarization: Vertical
Wave: Half Wave Dipole

Mechanical Properties:

Connector: RPSMA Plug (female)
Material:
Whip: Polyurethane(Black)
Swivel Mechanism: Polycarbonate(Black)
Connector: Brass with black chrome plating
Operation Temp.: -20°C to +65°C
Storage Temp.: -30°C to +75°C

E-Plane Pattern @ 2.45GHz

H-Plane Pattern @ 2.45GHz

The technical drawing shows a side view of the antenna with the following dimensions: total length 4.2 (107), whip diameter 0.51 (13.0), base diameter 0.49 (12.5), and a 90-degree angle at the base. Two radiation pattern charts are provided: the E-Plane pattern shows a vertical figure-eight shape, and the H-Plane pattern shows a horizontal figure-eight shape. Both charts are plotted on a circular grid with angles from 0 to 360 degrees and gain values from -20 to 0 dB.