

B-IRIDSMA-ST3.0

Iridium antenna with 3 meter cable and SMA plug



Product Specifications

Dielectric Antenna

Center Frequency (MHz) : 1621

VSWR: 1.5:1

Bandwidth (MHz) : ± 5

Impedance (Ω) : 50

Peak Gain: $> 4\text{dBi}$ Based on $7\text{cm} \times 7\text{cm}$ ground plane

Gain Coverage: $> -4\text{dBi}$ at $-90^\circ < 0 < +90^\circ$

(over 75% Volume)

Polarization: RHCP

Environmental

Working Temp: $-40^\circ\text{C} \sim +85^\circ\text{C}$

Storage Temp: $-45^\circ\text{C} \sim +100^\circ\text{C}$

Vibration: Sine sweep $1\text{g}(0\text{-p})10 \sim 50 \sim 10\text{Hz}$ each axis

Humidity: Humidity $95\% \sim 100\% \text{RH}$

Weatherproof: 100% Waterproof IP65

Mechanical

Weight (gram) < 110

Size (mm) : $70 \times 70 \times 14$

Cable Length (m) : 1.2

Connector: SMA male

Mounting: Magnetic/adhesive/screw

Housing: Black