

SAF9704 Antenna

Applications

- Asset, Vehicle, & Fleet Tracking
- Location Based Services & M2M Applications
- UAV / Drones
- High Quality Voice
- Navigation Devices
- Military, Security, Maritime, & IoT
- Mining Equipment

Description

The SAF9704 is a passive antenna designed to interface with the Iridium Certus 9770 voice and data receiver. The antenna operates on the L-Band network at speeds that range from 22 kbps to 88 kbps. The antenna, when paired with a Certus 9770 transceiver, has the capability of making transmissions 35x faster than other receivers. The SAF9704 antenna has highly symmetrical radiation patterns, guaranteeing no weak reception or blind spots.

Specifications

ELECTRICAL	
Frequency:	1616.0 - 1626.5 MHz
VSWR:	≤ 1.8:1
Gain:	3 dBic Max
Impedance:	50 Ω
Polarization:	RHCP
MECHANICAL	
Weight:	13 oz.
Diameter:	3.50 in.
Material:	6061-T651 Aluminum Alloy/Thermoset Plastic
Finish:	Skydrol Resistant Polyurethane Enamel
Connector:	TNC Female
ENVIRONMENTAL	
Operating Temp:	-55°C - +70°C (+158°F)
Altitude:	55,000 ft.

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Iridium Radiation Pattern

