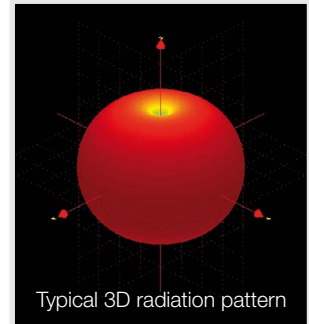


/ COSPAS-SARSAT Ultra Compact Terminal Antenna



SOLUTION FOR

- Localization, safety and rescue applications

/ Main features

Technical performance

- Maximum gain values at low elevation angles
- Rotational symmetry of radiation pattern
- Natural circular polarization

Design

- Ultra compact dimensions compared to the wavelength
- Lightweight
- Environmentally robust

Delivered documents

- Typical performance data (TYMEDA™)
- Measured return loss

/ Product configuration

Equipment

- Radome for outdoor applications

Related services

- Maintenance

■ Included □ Optional



MVG/CNES patented smart design.
No ground plane required.

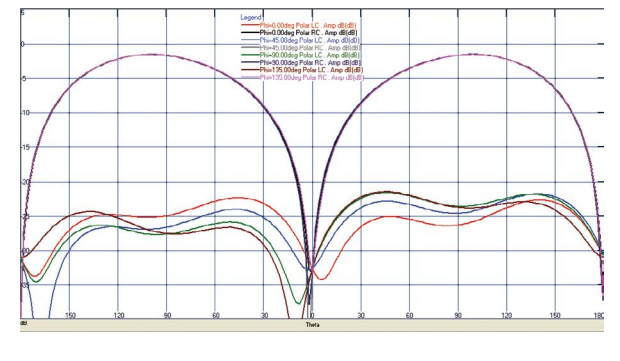
Electrical characteristics

Part number	SC-B
Type of antenna	Patch antenna
Frequency bands	Tx: 406.0 - 406.1 MHz
Average gain	Max gain between 5° - 60° elevation - 1 dBc
Gain variation over azimuth	Symmetric
VSWR	< 1.9
Polarization	RHCP (LHCP optional)
Return loss	< -10 dB
Impedance	50 Ohms

Mechanical characteristics

Part number	SC-B
Dimensions (diameter x height)	120 mm x 60 mm
Weight (approx)	200 g
Connector	SMA Female
Operating temperature	-40° C to +60° C

Typical elevation cuts



Contact your local sales representative for more information
www.mvg-world.com/antennas
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