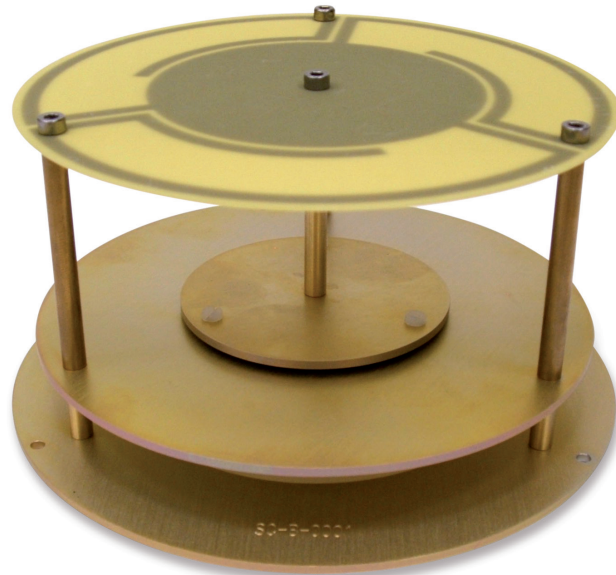
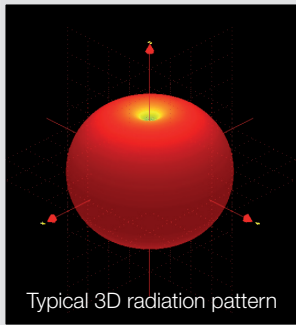


# /// COSPAS-SARSAT Ultra Compact Terminal Antennas



## 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

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

## Mechanical characteristics

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

Typical elevation cuts

