



OFFSET TRIHEDRAL REFLECTORS

Téthys

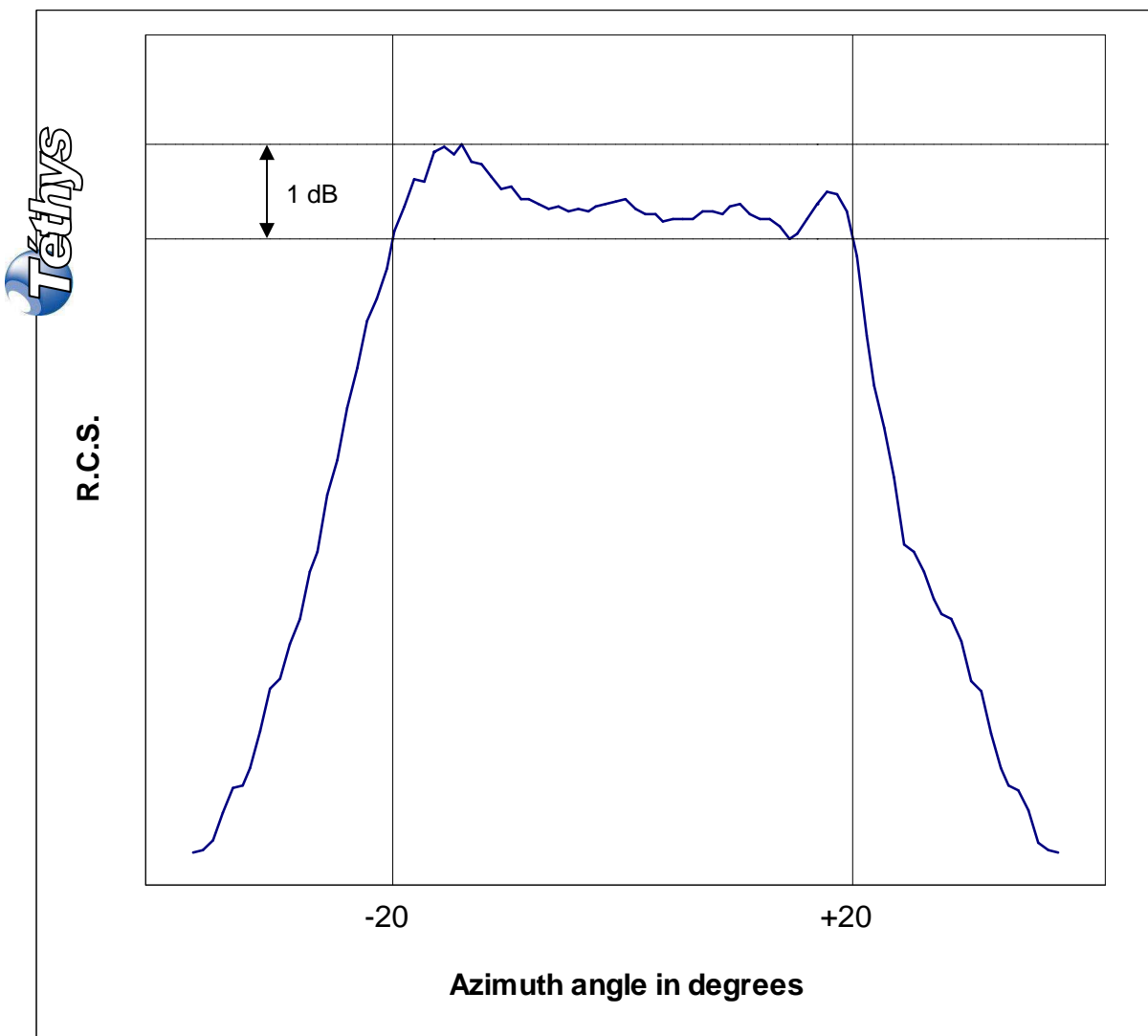
<b>Frequency range</b>	Microwave domain	
<b>Measurement option</b>	On request	
	The reflector can be used on a very wide frequency range.	
<b>Response</b>	Monostatic	
<b>Polarization</b>	Rectilinear. The reflected wave is on the same plane as the wave interrogating the reflector.	
<b>Dimension</b>	On request. Determination of the relevant dimension for the R.C.S. specifications.	
<b>Options (on request)</b>		<ul style="list-style-type: none"> <li>* Possibility of delivering dismantled (see picture)</li> <li>* Surface treatment (Alodine treatment, painting...)</li> </ul>
<b>Interface trihedral reflector/support</b>	Standard interface Development of any other interface on request	
<b>Specific packaging</b>		
<b>⚠ Precautions of use</b>	<p>The response of the trihedral reflector depends on the environment.</p> <ul style="list-style-type: none"> <li>⚪ Avoid thick fairing</li> <li>⚪ Avoid fairing made of dielectrical material with important losses</li> <li>⚪ Avoid any object (especially metallic) positioned between the trihedral and the radar (strap, screw...)</li> <li>⚪ Take care in mounting</li> </ul>	



OFFSET TRIHEDRAL REFLECTORS

Example of offset trihedral reflector

TTO555	Theoretical Radar Cross Section (sqm)			Internal edge (mm)	Weight without fixing (kg)
	F = 3,3 GHz	F = 9,375GHz	F = 16,5GHz		
RCS axis	13	109	340	555	Around 6kg
RCS ±20°	12	95	300		



**Tect Electronics**

The authorized distributor in the Greater China Region

