
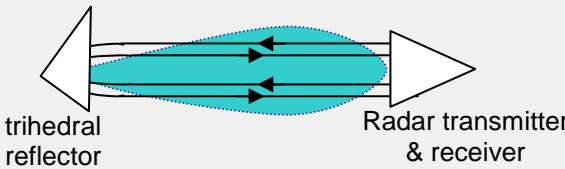

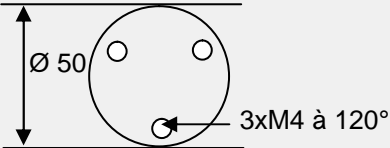
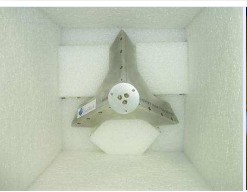

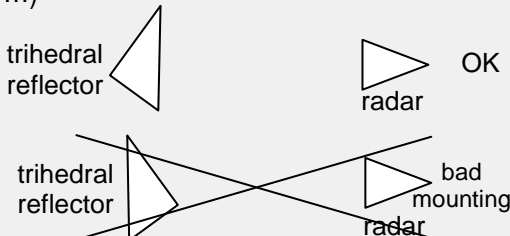




**PRECISION
TRIHEDRAL
REFLECTOR**

| | | |
|--|---|---|
| Frequency range | Microwave domain Ku Ka |  |
| Measurement option | Upon request | |
| | The reflector can be used on all the frequency range. | |
| Response | Monostatic |  |
| Polarization | Rectilinear. The reflected wave is on the same plane as the wave interrogating the reflector. | |
| Dimension | Upon request. Determination of the relevant dimension for the R.C.S. specifications. | |
| Options (upon request) |  | <ul style="list-style-type: none"> * Possibility of delivering standard trihedral reflectors or offset trihedral reflectors (much more wide aperture) * Surface treatment (Lanthane VS621, painting...) |
| Interface trihedral reflector/support | Standard interface Development of any other interface upon request |  |
| Specific packaging |   | |
| Usage precautions | <p>The response of the trihedral reflector depends on the environment.</p> <ul style="list-style-type: none"> ● Avoid thick fairing ● Avoid fairing made of dielectrical material with important losses ● Avoid any object (especially metallic) positioned between the trihedral and the radar (strap, screw...) ● Take care in mounting |  |





**PRECISION
TRIHEDRAL
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Example of precision trihedral reflector

| TTOU150 | Theoretical Radar Cross Section (sqm) | | Internal edge (mm) | Weight (kg) |
|----------|---------------------------------------|------------|--------------------|--------------|
| | F = 24 GHz | F = 35 GHz | | |
| RCS axis | 3,5 | 7,4 | 150 | Around 0,6kg |
| RCS ±20° | 3,4 | 7,0 | | |

