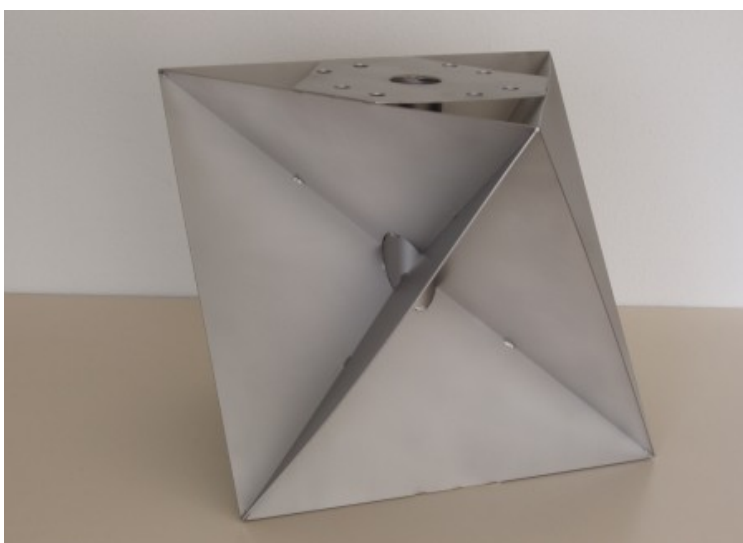


RADAR REFLECTOR IRR

DATASHEET

Radar reflectors are used to increase the backscatter capacity of navigational aids. This 6-corner reflector with optimal reflection features, has a superb radar cross section. The radar cross-section is the determinant factor of radar performance, this reflector has a high value relative to its diameter. The backscatter diagram is virtually omnidirectional, not only in the azimuth plane of from 0 to 360 degrees, but also in the vertical plane over a range of 30 degrees.

The reflectors are produced in stainless steel AISI 316 grade or sea water resistant aluminium sheet. The construction with mounting flanges is extremely stable and sturdy. Therefore they can be easily integrated in the superstructure of buoys and beacons and can serve as a support for a marine signal lantern or a self contained solar powered led beacon. Weight of the reflector is 5 kg. (Stainless steel).



The radar reflectors are available in 3 sizes. The correct dimensions of the radar reflector best suiting the requirement in hand depends on the range of the echo desired and on its mounting height.

I.T.O. Vaarwegmarkering BV
‘s Gravendijkseweg 23 2201 CZ
E-mail info@itonavaids.com

Noordwijk Holland

tel. +31 71 3611987
fax. +31 71 3614219
www.itonavaids.com

