

Trihedral Corner Reflector DsA004-T Series

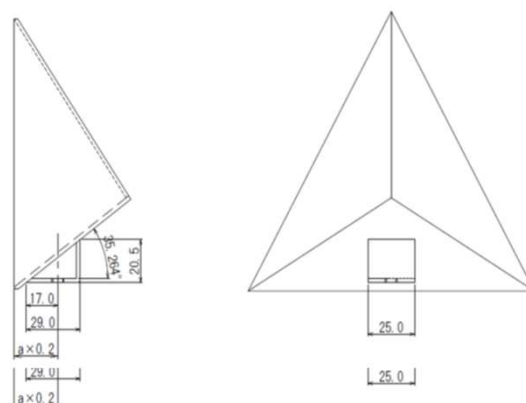
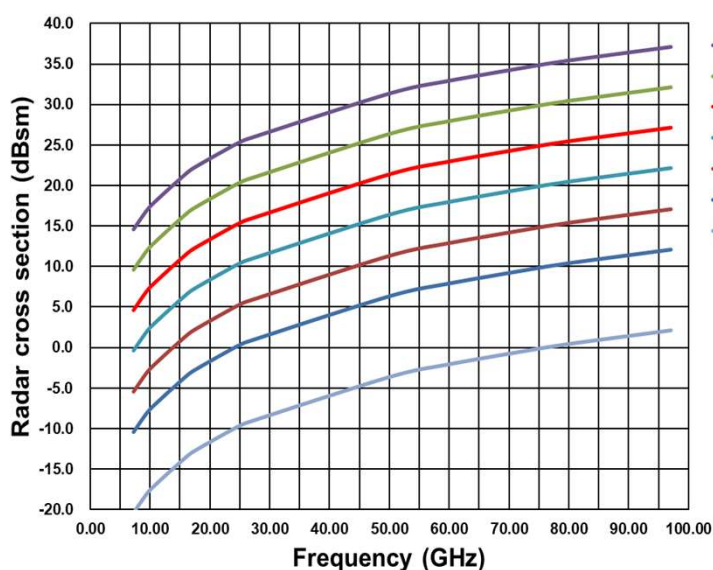
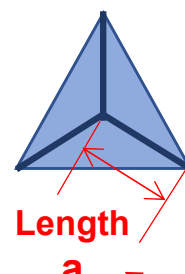
Features

- Stainless construction.
- Radar system calibration
- Camera Tripod connection
- Gold plate finish available

Specifications

Trihedral Corner Reflector

Linear Corner Reflector																													
型名	DsA004-T-044			DsA004-T-078			DsA004-T-104			DsA004-T-139			DsA004-T-185			DsA004-T-247			DsA004-T-330										
長さ a [m]	0.0439			0.078			0.104			0.139			0.185			0.247			0.33										
重さ [kg]	0.06			0.15			0.25			0.4			0.65			1.3			2.2										
[GHz]	[m^2]	[dBSm]	[m^2]	[dBSm]	[m^2]	[dBSm]	[m^2]	[dBSm]	[m^2]	[dBSm]	[m^2]	[dBSm]	[m^2]	[dBSm]	[m^2]	[dBSm]	[m^2]	[dBSm]	[m^2]	[dBSm]									
7.25	0.009	-20.4	0.1	-10.4	0.3	-5.4	0.9	-0.4	2.9	4.6	9.1	9.6	29.0	14.6	7.25	0.009	-20.4	0.1	-10.4	0.3	-5.4	0.9	-0.4	2.9	4.6	9.1	9.6	29.0	14.6
8.75	0.013	-18.8	0.1	-8.8	0.4	-3.8	1.3	1.2	4.2	6.2	13.3	11.2	42.3	16.3	8.75	0.013	-18.8	0.1	-8.8	0.4	-3.8	1.3	1.2	4.2	6.2	13.3	11.2	42.3	16.3
10.25	0.018	-17.4	0.2	-7.4	0.6	-2.4	1.8	2.6	5.7	7.6	18.2	12.6	58.0	17.6	10.25	0.018	-17.4	0.2	-7.4	0.6	-2.4	1.8	2.6	5.7	7.6	18.2	12.6	58.0	17.6
16.00	0.044	-13.5	0.4	-3.6	1.4	1.4	4.4	6.5	14.0	11.4	44.3	16.5	141.3	21.5	16.00	0.044	-13.5	0.4	-3.6	1.4	1.4	4.4	6.5	14.0	11.4	44.3	16.5	141.3	21.5
18.00	0.056	-12.5	0.6	-2.5	1.8	2.5	5.6	7.5	17.7	12.5	56.1	17.5	178.8	22.5	18.00	0.056	-12.5	0.6	-2.5	1.8	2.5	5.6	7.5	17.7	12.5	56.1	17.5	178.8	22.5
24.15	0.101	-10.0	1.0	0.0	3.2	5.0	10.1	10.1	31.8	15.0	101.0	20.0	321.9	25.1	24.15	0.101	-10.0	1.0	0.0	3.2	5.0	10.1	10.1	31.8	15.0	101.0	20.0	321.9	25.1
25.00	0.108	-9.7	1.1	0.3	3.4	5.3	10.9	10.4	34.1	15.3	108.3	20.3	345.0	25.4	25.00	0.108	-9.7	1.1	0.3	3.4	5.3	10.9	10.4	34.1	15.3	108.3	20.3	345.0	25.4
26.00	0.117	-9.3	1.2	0.7	3.7	5.7	11.7	10.7	36.9	15.7	117.1	20.7	373.1	25.7	26.00	0.117	-9.3	1.2	0.7	3.7	5.7	11.7	10.7	36.9	15.7	117.1	20.7	373.1	25.7
50.00	0.432	-3.6	4.3	6.3	13.6	11.3	43.4	16.4	136.3	21.3	433.1	26.4	1379.8	31.4	50.00	0.432	-3.6	4.3	6.3	13.6	11.3	43.4	16.4	136.3	21.3	433.1	26.4	1379.8	31.4
60.00	0.622	-2.1	6.2	7.9	19.6	12.9	62.5	18.0	196.3	22.9	623.6	27.9	1987.0	33.0	60.00	0.622	-2.1	6.2	7.9	19.6	12.9	62.5	18.0	196.3	22.9	623.6	27.9	1987.0	33.0
76.00	0.998	0.0	10.0	10.0	31.4	15.0	100.4	20.0	314.9	25.0	1000.6	30.0	3188.0	35.0	76.00	0.998	0.0	10.0	10.0	31.4	15.0	100.4	20.0	314.9	25.0	1000.6	30.0	3188.0	35.0
77.00	1.025	0.1	10.2	10.1	32.3	15.1	103.0	20.1	323.2	25.1	1027.1	30.1	3272.4	35.1	77.00	1.025	0.1	10.2	10.1	32.3	15.1	103.0	20.1	323.2	25.1	1027.1	30.1	3272.4	35.1
79.00	1.079	0.3	10.8	10.3	34.0	15.3	108.4	20.4	340.2	25.3	1081.1	30.3	3444.6	35.4	79.00	1.079	0.3	10.8	10.3	34.0	15.3	108.4	20.4	340.2	25.3	1081.1	30.3	3444.6	35.4
81.00	1.134	0.5	11.3	10.5	35.7	15.5	114.0	20.6	357.7	25.5	1136.6	30.6	3621.3	35.6	81.00	1.134	0.5	11.3	10.5	35.7	15.5	114.0	20.6	357.7	25.5	1136.6	30.6	3621.3	35.6
97.00	1.626	2.1	16.2	12.1	51.2	17.1	163.5	22.1	512.9	27.1	1629.9	32.1	5193.2	37.2	97.00	1.626	2.1	16.2	12.1	51.2	17.1	163.5	22.1	512.9	27.1	1629.9	32.1	5193.2	37.2



■ Option



Example of POM dedicated stand installation (optional)
 Note: Can be installed up to DsA004-T-139



With handheld shaft (optional)



In addition to standard products, we can custom-make sizes that are optimal for the frequency you use. Please contact us.

Gold-plated brass cut version for higher frequency measurement. Photo shows DsA004-T-044P, DsA004-T-033P, DsA004-T-025P. POM stand is optional.

Spherical Reflector DsA004-SPH Series

Features

- Used as a reference for radar systems.
- High sphericity, error $\pm 0.5\text{mm}$
- Aluminum material (lightweight)
- Because it is spherical, it reflects accurately regardless of the angle (omnidirectional).
- The radar cross section is constant and has no frequency dependence
- Can be attached to a camera tripod



Specification

Product Name	diameter (mm)	Weight(g)	Radar cross section	
			m ²	dBsm
DsA004-SPH-50	50	177	0.002	-27.07
DsA004-SPH-100	100	1,360	0.008	-21.05
DsA004-SPH-200	200	4,300	0.031	-15.03