

Mass properties of 3db

Configuration: Default

Coordinate system: antenna_l_frame

Density = 1504.9329 kilograms per cubic meter

Mass (user-overridden) = 0.01 kilograms

Volume = 6.64e-06 cubic meters

Surface area = 0.00315657 square meters

Center of mass: (meters)

X = 0

Y = 0

Z = 0.04965291

Principal axes of inertia and principal moments of inertia: (kilograms * square meters)

taken at the center of mass.

Ix = (0, 0, 1) Px = 1e-07

Iy = (0.70710678, -0.70710678, 0) Py = 9.5e-06

Iz = (0.70710678, 0.70710678, 0) Pz = 9.5e-06

Moments of inertia: (kilograms * square meters)

taken at the center of mass and aligned with the output coordinate system.

Lxx = 9.5e-06 Lxy = 0 Lxz = 0

lyx = 0 lyy = 9.5e-06 lyz = 0

Lzx = 0 Lzy = 0 Lzz = 1e-07

Moments of inertia: (kilograms * square meters)

taken at the output coordinate system.

lxx = 3.415e-05 lxy = 0 lxz = 0

lyx = 0 lyy = 3.415e-05 lyz = 0

lzx = 0 lzy = 0 lzz = 1e-07