

CONFIGURATION

Geodesic Dome - Icosahedron

Class 1

Zenith Z

Radius 10.164

Frequency 6

Number of nodes 167

HUBS

Number of hubs 166

Number of types 18

PANELS

Number of panels 300

Number of types 20

Surface area 528.175

Largest panels 2.190

Smallest panel 1.296

Largest minimum width 1.920

Volume 1588.495

STRUTS

Number of struts 465

Number of types 18

Total length 938.160

Longest strut 2.281

Shortest strut 1.652

Maximum end-angle 6.45

Minimum end-angle 4.66

DOME METRICS

Dome height 8.347

Base radius 10.000

Spherical radius 10.164

Cut plane 1.000

Base leveled

Base expanded

