

CONFIGURATION

Geodesic Dome - Icosahedron

Class 1

Zenith Z

Radius 7544

Frequency 5

E - Y 1.13

E - Z 0.75

Number of nodes 152

HUBS

Number of hubs 151

Number of types 151

PANELS

Number of panels 275

Number of types 275

Surface area 355

Largest panels 1.75

Smallest panel 0.85

Largest minimum width 1718

Volume 1006

STRUTS

Number of struts 425

Number of types 204

Total length 746

Longest strut 2213

Shortest strut 1246

Maximum end-angle 10.16

Minimum end-angle 3.77

DOME METRICS

Dome height 6268

Base major radius 8498

Base minor radius 7500

Cut plane -10.00

Base leveled

Base expanded

