

CONFIGURATION

Geodesic Dome - Icosahedron

Class 1

Zenith Z

Radius 8,428

Frequency 5

Number of nodes 177

HUBS

Number of hubs 176

Number of types 16

PANELS

Number of panels 325

Number of types 19

Surface area 580,033

Largest panels 2,105

Smallest panel 1,323

Largest minimum width 1,909

Volume 1789,011

STRUTS

Number of struts 500

Number of types 17

Total length 1014,602

Longest strut 2,205

Shortest strut 1,670

Maximum end-angle 7,52

Minimum end-angle 5,69

DOME METRICS

Dome height 11,077

Base radius 8,000

Spherical radius 8,428

Cut plane -3,000

Base leveled  
Base expanded

