Building a 2V Geodesic Dome Notes

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2)V Foot adve of the incorporation is	
2V - Each edge of the icosahedron is subdivided into 2 segments.	
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21/ 41/	
3V 4V	
2	
IV	
I V	
2000	
2V - Each edge of the icosahedron is	
subdivided into 2 segments.	
3V 4V	
3V 4V	
<u> </u>	
IV	
The radii coming from a degree 5	
vertex are "shorts."	

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2V - Each edge of the icosahedron is subdivided into 2 segments.	
3V 4V	
\mathcal{I}	
IV	
The perimeter of the pentagons are "longs." Equilateral	
triangles are "longs." From the degree 6 vertices there will be two shorts and	
4 longs.	
3V - Each edge of the icosahedron is	
subdivided into 3 segments.	
2 W/ 4 W/	
3V 4V	
2V	
AV Fash aday of the investment in	
4V - Each edge of the icosahedron is subdivided into 4 segments.	
200 00 000 00	
3V 4V	
2V	
2 V	
IV	

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Strut Strut factor	Dome	Sphere	
A .61803	35	60	
B .54653	30	60	B B
4-way connectors	10	0	
5-way connectors	6	12	/ A
6-way connectors	10	20	B A A B

A/B = .61803/.54653 = 1.1308

The length of strut A is 1.13 times the length of strut B.