

Node	x (mm)	y (mm)	z (mm)
1	0	0	0
2	251.9	-0.8	-0.3
3	120.1	221.3	0.6
4	-27.6	78.1	485.7
5	180.3	200	499.4
6	186.8	-53.5	488

Topology information

9 Cables: [1,2], [1,3], [2,3], [1,4], [2,6], [3,5], [4,5], [4,5], [5,6]

3 Bars: [2,4], [1,5], [3,6]

Bar: Zinc Plated Steel

Diameter: 3/8 inches

Mass per unit length: 0.024 lb./in

Young's Modulus: 190-210 GPa (~200 GPa)

Cable: 304 Stainless Steel

Diameter: 1/16 inches

Mass per unit length: 0.0013 lb./in

Young's Modulus: 193 GPa GPa

Note: Mass per unit length and Young's Modulus are not measured, they are provided by materials sheets.

