

CABLES FULL CABLE SYSTEM

FULL CABLE SYSTEM



FABRIC SUPPORT

The Full Cable-Grid dome design has the highest initial purchase cost, but it is an excellent option in regions where the wind load exceeds the snow load requirement.

GEODESIC DESIGN

The geodesic cable pattern of this design evenly transfers extreme wind loads to the dome's anchorage and foundation. This ensures that only a small portion of the dome's structural load is carried by the dome's fabric (about 15 lbs PSI fabric load).

WEATHER EFFICIENCY

This design has the ability to support extreme amounts of snow loads— up to 50 lbs. per sq. ft. The cable grid system enhances the total design-strength of the dome's fabric, and generally has a 50 times design safety factor, which greatly exceeds the minimum standards required by the International Building Code (IBC). This design does not shed snow as efficiently as Arizon's low bias cable system design, but will support greater snow accumulation.

FULL CABLE SYSTEM

CODE COMPLIANCE

Meets IBC Codes; 50 times the minimum safety factor required by code.

WIND DESIGN

180 MPH

SNOW LOAD

50 psf

STRUCTURE TYPE

Permanent Applications

DESIGN SHAPE

Geodesic pattern that provides the highest level of fabric stress relief.



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