

Through Glass Vias Solutions

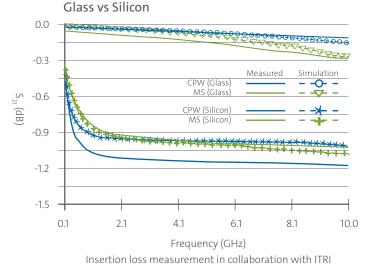
Applications

- Radio Frequency Front End (RFFE)
- Filters
- Antennas
- Switches in mobile phones
- Medical equipment
- MEMS
- Interposer

Benefits

- Ability to lower electrical loss particularly at high frequency levels
- Capability to deliver glass as thin as 100μm
- Superior surface quality enables fine line spacing
- Positional Accuracy is with +/- 5μm

Dielectric Loss

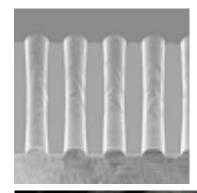


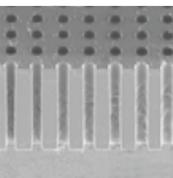
Precision Holes

Wafer Size	100/150/200/300mm; custom sizes available upon request
Panel Size	Up to 510mm x 510mm
Positional Accuracy	<+/- 5μm
Pitch	Minimum 2X holes diameter
Hole Diameter	25μm – 100μm

Precision Holes

Improved Throughput	10X in 2 years
Increased Capacity	10X by 2018
Supply Chain	A diverse array of companies are investing in glass cutting, handling and metallization capacity









Precision Glass Solutions offer glass wafers and panel format glass-based-solutions, substrate products and key supporting technology platforms in metrology and laser glass cutting. Trends for higher speeds, miniaturization and interconnectivity are all driving the increased use of glass in many electronics applications. Corning has been working for nearly a decade to deliver customer focused innovation aimed at improving attributes of glass, in its various formats, to make it an attractive solution for next generation semiconductor packaging.

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