Fiber Optic Substrates

Custom Clear Fused Quartz glass substrates and components are precision drawn for use in fiber optic applications and/or component packaging, and can be manufactured in various configurations to customer specifications. Typical applications include fused coupler packaging for fiber support and/or alignment purposes, or for isolating fiber within the package. Very tight tolerances are achieved by VitroCom’s proprietary technologies and processes and our expertise in manufacturing non-circular and irregular configurations. Just a few of the possible configurations are shown on this page.

A= Maximum Width of Groove ±Tolerance
B= Minimum Width of Groove ±Tolerance
C= Overall Diameter ±Tolerance
D= Length of Piece ±Tolerance
E= Depth of Groove ±Tolerance
F= Distance Between Bottom of Groove
G= Major Axis of Outer Piece ±Tolerance
H= Minor Axis of Outer Piece ±Tolerance
I= Angle Specifications (max./min.)

NOTE 1: Specify shape requirements such as full-radiused, parallel sides, right angle sides, tapered, etc.

Also include:
• Glass Type
• Concentricity Specifications
• Ground and/or Polished Surfaces

Please contact us for a substrate custom quote.
Worldwide Distributors

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