Swiss Jewel Introduces the Crown Jewels of Fiber-Optic Connectors

_Sapphire and Glass Ball Lenses boost fiber-optic performance under even the harshest conditions._

Philadelphia, PA (PRWEB) June 18, 2013 -- Demanding industrial and environmental conditions are no match for fiber-optic Ball Lenses engineered of synthetic Sapphire and Glass Ball Lenses, now available in an extensive range of stock sizes from Swiss Jewel Company, of Philadelphia, PA.

Optical Ball Lenses boost fiber-optic performance by expanding and collimating the light beams without the need for direct physical contact. That’s where Sapphire’s extreme optical clarity and natural durability (9 mohs) make it the ideal choice for fiber-optic applications in any environment, including harsh industrial, aviation, medical and military applications.

Swiss Jewel also offers Ball Lenses in a range of high-performance materials best suited for fiber-optic applications, including Fused Silica for high transmission from UV to NIR (200-2,000nm) and BK-7 optical glass for fiber collimating.

To minimize the loss of light and boost efficiency, all Swiss Jewel Ball Lenses are available with singleband or multi-band Anti-Reflection (AR) coating, which increases transmissions and improves fiber-optic connections.

And for fiber-optic applications requiring a more compact design, Swiss Jewel offers Hemisphere Lenses in a range of optical materials, as well.

With an extensive selection of stock sizes starting at diameters as low as 0.20mm, Swiss Jewel Company offers precision-engineered Ball Lenses ready for same-day delivery.

Don’t see what you want? Just ask. Swiss Jewel technicians can produce custom Ball Lenses to virtually any specifications,

Request Swiss Jewel Company’s latest catalog or find stock Ball Lens information at [http://www.swissjewel.com/1/balls_hemispheres](http://www.swissjewel.com/1/balls_hemispheres).

About Swiss Jewel Company

Since 1920, Swiss Jewel Company is a leading supplier of precision Synthetic Sapphire, Ruby and Glass components for various industrial markets worldwide. Over the past several decades, the world has evolved and so has the demand for Synthetic Sapphire and emerging materials. During this time, Swiss Jewel has increased efficiencies, quality and continually developed processes to serve an ever growing list of applications.
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