

# NEWS RELEASE

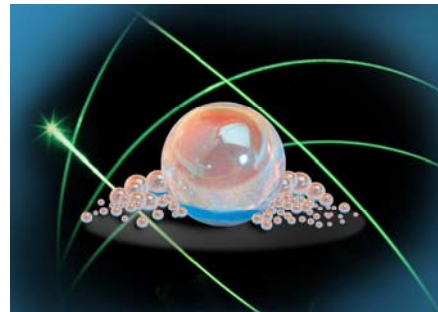
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*For Immediate Release*

## **DSI Ball Lenses Ideal for Telecom and Datacom Operations**

**July 3, 2007 – Santa Rosa, CA – Deposition Sciences, Inc. (DSI)**, manufacturers of highly durable thin film optical coatings, offers **Antireflection (AR) Coated Ball Lenses** for fiber optics, telecom and datacom applications. Extremely durable and scratch resistant, DSI's **IsoSphere™** AR coated devices are available in a variety of glass indexes and new, larger sizes from 200 microns up to 10.0 mm diameter. The ball lenses feature transmission values of greater than 99.5 percent in indexes of up to  $n_d 2.0 @ 550 \text{ nm}$ .



Highly suited for telecommunications, datacom and expanded beam connector applications, DSI's IsoSphere line of ball lens products are an affordable, mechanically-compact optical method for collimating the output of an optical fiber or laser diode. Versatile and practical, the IsoSphere AR coated ball lenses can be used in fiber to fiber, diode to fiber, and/or fiber to detector coupling tasks.

DSI's breakthrough advances in depositing high performance antireflection coatings onto ball lenses make the IsoSphere devices an ideal and inexpensive solution for a variety of telecom and datacom applications. The in-house **IsoDyn™** low pressure chemical vapor deposition (LPCVD) technology at Deposition Sciences permits an exceptionally uniform optical AR coating over the entire surface of the ball lens. This uniformity of the AR coating eliminates the need for orientation of the lens in the customer's device, greatly reducing labor-intensive, device-assembly costs.

DSI's IsoSphere AR-coated ball lenses are extremely stable over temperature and humidity and resistant to most chemicals. Meeting or surpassing the rigid Mil-C675 testing standards for severe abrasion, adhesion, humidity and salt fog tests, these devices work well in oil field exploration and refining, aircraft, marine and undersea tasks and many aerospace applications.

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**Deposition Sciences, Inc. (DSI) – Santa Rosa, CA – [www.depisci.com](http://www.depisci.com)** - For over 20 years, Deposition Sciences has produced the most durable optical thin film filter coatings in the industry. DSI's coating capability ranges from the ultraviolet (UV), through the visible and includes near-infrared (NIR), midwave-infrared (MWIR) and out to the longwave-infrared (LWIR). At the heart of these capabilities is DSI's

patented MicroDyn reactive sputtering technology enabling superior multilayer thin film coatings for optics, MEMS and other thin film technologies.