

NEWS RELEASE

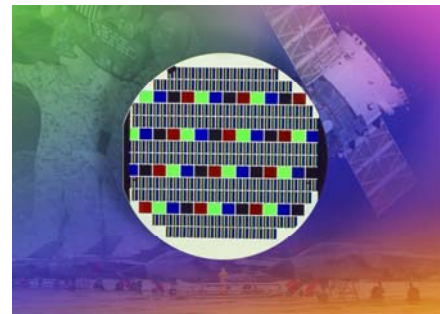
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For Immediate Release

DSI Announces Patterned Dichroic Filters

November 28, 2006 – Santa Rosa, CA – Deposition Sciences, Inc. (DSI), manufacturer of highly durable thin film optical coatings, announces an innovation in dichroic filters coating-deposition capabilities. The new **Patterned Dichroic Filters** are created in-house using the latest photolithography equipment and DSI's advanced coating techniques. This precision deposition technology permits DSI to apply multiple coatings on a single substrate with dimensions as small as 100 microns, with accuracy of plus or minus one micron (+/- 1 μm) with feature placement accuracy of +/- 5 microns.



DSI's Patterned Filters can be designed to operate over a wide range of wavelengths and offer superior performance from the near ultraviolet to the infrared. They can be applied to a variety of substrates in many shapes and sizes, as well as wafer substrates up to 100 mm diameter in materials such as silicon, glass, sapphire and fused silica. The new Patterned Dichroic Filters from DSI will meet or surpass strict adhesion and durability standards maintaining stability even in extreme temperatures and adverse conditions.

Patterned Filter coatings are ideal for use in CCD imaging applications where a single optic is required to perform multiple functions. DSI's new coatings feature precise patterning and superior reliability, making them suitable for use in satellite, aircraft and other tasks that require durable, patterned filters for optoelectronic and optomechanical devices.

DSI's proprietary **MicroDyn®** sputtering technology, utilized in creating Patterned Dichroic Filters, yields high performance, highly durable coatings. This highly durable, uniform coating is extremely stable over temperature and humidity changes, meeting the severe abrasion, adhesion, humidity, and salt fog tests of Mil-C-675 Standards.

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Deposition Sciences, Inc. (DSI) – Santa Rosa, CA – www.depsci.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.