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**Labor Day**

Our offices will be closed Monday, September 2 for Labor Day, but you can contact [Technical Support](#) 365 days a year.

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**World's Fastest Isolators Upgraded to 7 kV**

NVE's IL700V-Series isolators lead the industry in **four** key areas:

**1 Fastest**

NVE isolators have the fastest rise time, shortest propagation delay, lowest jitter, and cleanest signal fidelity. Unlike other isolators, NVE isolators are actually usable at data rates of well over 110 megabaud.

**2 Highest Isolation Voltage**

IL700V-Series isolators have been upgraded to a world's best 7 kVrms (9.9 kVpk), providing ample design margin even in the most demanding applications.

**3 Best Barrier**

NVE offers the world's only Giant Magnetoresistance-based isolators. The high-sensitivity, high-speed physics of this technology has enabled us to develop a proprietary isolation barrier with 100 teraohm barrier resistance, virtually unlimited barrier life, and a seven-kilovolt isolation rating.

**4 Lowest EMI**

Unlike competitive isolators that rely on RF coupling, NVE isolators have virtually undetectable radiated emissions making EMC design simple.

**Three Channel Configurations**

All three standard four-channel IL700V-Series isolator configurations are **in stock** for immediate delivery:

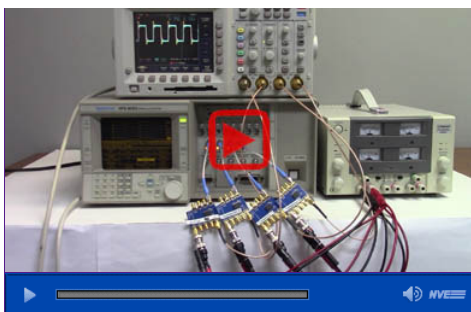
Model	Eval Board	Isolator Channel Config.	Isolation	Max. Op. Temp.
<a href="#">IL715VE</a>	<a href="#">IL715V-01</a>	4/0	7 kV	125 °C
<a href="#">IL716VE</a>	<a href="#">IL716V-01</a>	2/2		
<a href="#">IL717VE</a>	<a href="#">IL717V-01</a>	3/1		

**Evaluation Boards**

These 2 x 3.5-inch (50 x 90 mm) boards have your choice of isolator, two bypass capacitors as recommended, screw connections, test pads, and header pins. They are designed to showcase best practice for EMC and for maintaining eight-millimeter creepage. They are conformal coated to prevent surface arcing.

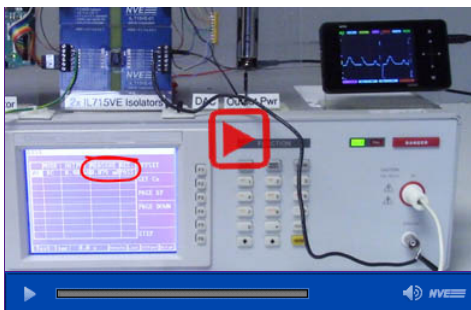
**Demonstrating the World's Fastest Isolators**

Watch our video showing a speed test against three leading competitors:



**8.4 kV Testing**

We demonstrate that the parts withstand 8.4 kV for one second, as required for a 7 kV isolation rating:



[Download Datasheet »](#)

**Buy Online**  
\$9.95 shipping