

# STE WINDOW RF Isolated Window Option



## THE HIGHEST ISOLATION... THE LATEST TECHNOLOGY!

- ✓ Achieve an incredible RF isolation greater than 85 dB!
- ✓ Custom designed polycarbonate substrate surface
- ✓ Silver plated bus-bar design to assure 100% bonding
- ✓ High visibility design
- ✓ Custom designed universal installation bezel kit with EMI RF gaskets
- ✓ Can be installed in any model RF Test Enclosure of suitable size

### THE GENERATION-2 RF WINDOW!

Back in 1997, Ramsey Electronics took technicians out of large expensive RF screen rooms and put the convenience of an RF isolated environment in the palm of their hands. Our patented portable benchtop RF Shielded Test Enclosure was a revolution in RF testing, providing unprecedented visual and hands-on access to equipment in a tightly controlled RF-free test environment. Silver mesh fine pitch gloves together with our illuminated RF isolated window allowed complete access to the device under test and has become the worldwide standard in both the RF Test and Forensics industries.

In today's overcrowded and higher power wireless spectrum, increased RF isolation levels have become mandatory to maintain a interference-free test environment. Today, 85 dB is the benchmark, with routine configurations achieving greater than 120 dB RF isolation. Until now, an RF Window was one of the weakest links in the equation. Our Gen-2 RF Window exceeds 85 dB RF isolation with excellent visibility for even the finest DUT adjustments and operation!

### STANDARD EQUIPMENT!

The new Gen-2 RF Window is provided standard on our STE3000, STE3800, STE4500, STE5100, and STE6000 series RF Test Enclosures.

The window can also be ordered as a factory installed option on virtually any wall or door of any enclosure model of suitable size.

### RF ISOLATION... CAN ONLY BE AS EFFECTIVE AS YOUR WORST I/O!

As the leading manufacturer of RF Shielded Test Enclosures for more than 2 decades, we have been around to watch the advancement of data communications requirements within the RF isolated world. How things have changed!

The Ethernet standard was a 100 pF DSub with an adapter, and that provided 43 dB of RF isolation. USB2.0 is even worse, using a 10 pF DSub and USB adapters, you will just barely reach 9 dB conductive insertion loss! Today's crowded spectrum requires higher RF isolation.

Check out our series of high performance I/O interfaces, where >80-90 dB is our standard!



SPECIFICATIONS	
<b>GENERAL</b>	
Product Part Number:	STEWINDOW
UPC:	871183006215
View Dimensions:	3.5"H x 9.5"W (88.9mmH x 241.3mmW)
Outside Dimensions:	5.0"H x 11.0"W x .135"D (127mmH x 279.4mmW x 3.429mmD)
Weight:	.75lbs (.34kg) with Keps-nuts, and RF gasket
Window Construction:	Clear polycarbonate substrate with silver plated bus-bar structure
Bezel Construction:	Milled aluminum, black power coat
Mounting:	24ea captive #6 bezel mounting screws and Keps-nuts
EMI RF Gasket:	Provided
<b>TECHNICAL</b>	
Insertion Loss, 918 MHz:	>102 dB
Insertion Loss, 2.4 GHz:	>87 dB
Insertion Loss, 5.8 GHz:	>85 dB
Availability:	In-stock for immediate delivery
Available Versions:	STE RF Test Enclosure installed option STE RF Test Enclosure retrofit upgrade

Note: Specifications are average achieved and certified final test measurement values. Subject to change and revisions. Not responsible for typographical errors and omissions.

