DVTEST

Advanced RF Test Enclosures

SELECTION GUIDE 2019

BEST ISOLATION

BETTER RESULTS

DVTEST

RF Test Enclosure Product Family












	dbCHECK	dbGUARD	dbTENT	dbSAFE X	dbSAFE DUO	dbSAFE RME	dbSAFE TSE	dbSAFE MAX	dbSAFE NR6	dbSAFE mm	dbSAFE ARMOR	dbSAFE 5GS
Door Style Opening	Clamshell	Clamshell	Front Load	Top Load	Top Load | Front Load	Front Load	Front Load	Front Load	Front Load	Front Load	Front Load	Front Load
Use Case	Economical RF enclosures suitable for repair environments and compliance testing (In Stock)	Robust RF enclosures recommended for high volume manufacturing and automated testing	Portable RF enclosures suitable for on-site and temporary lab environments	Economical RF enclosures for lab use and compliance testing (In Stock)	Customizable RF closures for lab use, compliance testing, and research & development (In Stock)	Rack mount RF enclosures recommended for large UUT testing	Temperature and RF enclosure recommended for lab use, compliance testing, and research & development	Large RF enclosures recommended for lab use, compliance testing, and research & development	RF enclosure designed for high bandwidth, NR6 applications	Dual Cavity RF enclosure designed for mmWave applications	Advanced, modular RF enclosures recommended for multiple frequency ranges and applications	Advanced, modular RF enclosure system recommended for 5G testing
Shielding Effectiveness (Isolation)	> 80 dB	> 80 dB	> 80 dB	> 80 dB	> 100 dB	> 100 dB	> 100 dB	> 100 dB	> 100 dB	> 100 dB	> 100 dB	> 100 dB
Peripheral Test Equipment Rack										Available Internal or External	Available External all models Internal available some models	Available External all models Internal available some models
Frequency Range (GHz)	0.3 - 13	0.3 - 13	0.3 - 13	0.3 - 13	0.3 - 13	0.3 - 13	0.3 - 13	0.3 - 13	0.3 - 13	0.3 - 40	0.3 - 90	0.3 - 90
Extreme Temperature Testing							Included	✕	✕	✕	✕	✕
Extruded Aluminum Base Available								✕	✕	✕	✕	✕
Waveguide Passive Cooling	Some Models	Some Models	✕		✕	✕	✕	✕	✕	✕	✕	✕
Waveguide Active Cooling	Some Models	Some Models	✕		✕	✕	✕	✕	✕	✕	✕	✕
Custom Sizes Available	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕
Positioner - Manual Rotation and Translation	✕	✕		✕	✕	✕	✕	✕	✕	✕	✕	✕
Positioner - Full Spherical Pattern											✕	✕
Measurement Software (Optional)								✕	✕	✕	✕	✕
OTA Performance Verification Tools Available	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕
Warranty (Standard / Registered)	1Y / 2Y	1Y / 2Y	1Y	1Y / 2Y	2Y / 3Y	2Y / 3Y	2Y / 3Y	2Y / 3Y	2Y / 3Y	2Y / 3Y	2Y / 3Y	2Y / 3Y
Internal Dimensions (Inches) W x D x H	**dbCheck** 14 x 11.25 x 8 **dbCheck+** 14 x 20 x 8	**Small** 7 x 14.75 x 7.5 **Medium** 15.25 x 14.75 x 7.5 **Large** 18.6 x 16.5 x 9.25	**Small** 24 x 24 x 24 **Medium** 36 x 36 x 36 **Large** 48 x 48 x 48	**dbSAFEX** 12 x 18 x 8 **dbSAFEX+** 18 x 24 x 12	**Top Small** 8.5 x 11 x 5.5 **Medium** 11 x 17 x 8 **Large** 15 x 24 x 13 **Front Medium** 11 x 17 x 8 **Large** 15 x 24 x 13	**4U** 14 x 20 x 4 **7U** 14 x 20 x 9.25 **10U** 14 x 20 x 14.5	**dbSAFE TSE** 10 x 16 x 7	**dbSAFE MAX** 18 x 24.5 x 30 **dbSAFE MAX+** 32 x 32 x 32	**dbSAFE NR6** 19.5 x 19.5 x 19.5	**Upper** 24 x 18.5 x 29 **Lower** 24 x 7.5 x 29	**3232** 32 x 32 x 32 **4242** 42 x 42 x 42 **2418R** Upper: 24 x 27.5 x 24 Lower: 24.5 x 28 x 7 **3270** 32 x 24 x 70 **5242** 52 x 42 x 42	**5GS - 3270** 32 x 24 x 70 **5GS - 5242** 52 x 42 x 42

BUILT BY ENGINEERS, FOR ENGINEERS.

DVTEST understood that to make a truly great RF enclosure, many different factors need to be considered in addition to RF isolation. Our engineers have meticulously selected the highest performance materials that go into every single RF enclosure. We are continuously researching ways to allow high data rate signals to pass through, while maintaining RF isolation. From our ready in stock models, to our custom-built RF test systems, our team stands behind every enclosure we ship out the door.

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