

GTEM 1250 - 2500 Specification Matrix

NOTE: Meaning of the symbols ---> ● Standard, ○ Costed option, N.A. not available,

Technical Specifications

GTEM

GTEM	1250	1500	1750	2000	2500
Fully Hot Galvanized steel	●	●	●	●	●
Electrical Data					
Input connector	N	N	N	N	N
Nominal impedance Ohm	50	50	50	50	50
Frequency range	1MHz-20GHz	1MHz-20GHz	1MHz-20GHz	1MHz-20GHz	1MHz-20GHz
Typical VSWR	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2
Typical VSWR at critical frequency	<1:1.6	<1:1.6	<1:1.6	<1:1.6	<1:1.6
Max Input power, Wcontinuous/*pulsed	800/2,5kw*	900/2,5kw*	1000/2,5kw*	1000/2,5kw*	1000/2,5kw*
Electrical Equipment / Options					
Mains connectors	Fix/CEE	Fix/CEE	Fix/CEE	Fix/CEE	Fix/CEE
Main Switch 16A magneto-thermal	●	●	●	●	●
Input Socket plug 16Aac (Single phase+ ground)	●	●	●	●	●
Output Socket Schuko 16Aac (Singlephase + ground) for EUT	●	●	●	●	●
Additional EUT sockets	○	○	○	○	○
Ground connection M6	●	●	●	●	●
AC/DC filter 6A/2wires (2PH+Ground)	●	●	●	●	●
AC filter 16A/5 wire (3PH+N+Ground)	○	○	○	○	○
AC filter 30A/5 wires (3PH+N+Ground)	○	○	○	○	○
AC filter 64A/5 wires (3PH+N+Ground)	○	○	○	○	○
Custom AC or DC I/O filters	○	○	○	○	○
Electrical safety interlock	○	○	○	○	○
Indoor lighting 30W LED	●	●	●	●	●
9-poles signal EMI filter (DB9)	○	○	○	○	○
25-poles signal EMI filter (DB25)	○	○	○	○	○
XX-poles signal filter on demand	○	○	○	○	○
USB feed-thru connector	○	○	○	○	○
RJ45 (RJ11) feed-thru connector	○	○	○	○	○
Wave guide for fibre optic leads (3couple)	●	●	●	●	●
Wave guide for fibre optic leads (6couple)	○	○	○	○	○
Media RF feed-thru double N type	1	1	1	1	1
MoendnieacRtoRrfeed-thru double SMA type	2	2	2	2	2
Additional RF feed-thru SMAconnector	○	○	○	○	○
Additional RF feed-thru N typeconnector	○	○	○	○	○
Apex Input 7/16 or 7/8 connector	○	○	○	○	○
Technical panel pre-drilled for options	●	●	●	●	●
Video camera system	○	○	○	○	○
Manipulator X-Y-Z	○	○	○	○	○
Mechanical Equipment / Options					
Secondary door next to input	○	○	○	○	○
Additional primary door (custom size)	○	○	○	○	○
Window in door (WxH) 20cm.Diam.	●	●	●	●	●
Gas / Water feed through plates	○	○	○	○	○
Honeycomb panel	○	○	○	○	○
Fans N.2 12x12cm	○	○	○	○	○
Empty Technical panels	1	1	2	2	2
Hi power termination	○	○	○	○	○

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Mechanical Dimensions/Max. EUT size

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GTEM	1250	1500	1750	2000	2500
Outer (LxWxH)cm	610x320x215	710x381x250	810x430x280	910x484x314	1110x586x383
Door (WxH)cm	80x120	80x120/140x140	100x160/140x140	100x160/160x160	160x160
Wheeled undercarriage	○	○	○	○	○
Weight Kg. Approx.	850	1000	1300	1650	2500
Max. test volume (LxWxH)cm	95x95x85	120x120x100	140x140x115	175x175x130	215x215x160
Defined test Vol. +6dB<1000MHzLxWxH)cm	42x42x42	50x50x50	58.5x58.5x58.5	67x67x67	83.5x83.5x83.5
Septum height	1250mm	1500mm	1750mm	2000mm	2500mm
Fully Inox steel construction option	○	○	○	○	○
Ferrite tiles on Gtem's base + matched absorbers	○	○	○	○	○

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