

Hochspannungs-Tastköpfe | High Voltage Probes

TT-HV 150 | 100:1



Attenuation Ratio	x100
Input Impedance	100 M Ω , 4 pF
Bandwidth	300 MHz
Rise Time	1.2 ns
Compensation Range	10..50 pF
Cable Length	1.2 m
Max. Input Voltage	1500 Vp CAT I, DC incl. Peak AC (derating with frequency)
Order Number	13000

TT-HV 250 | 100:1



Attenuation Ratio	x100
Input Impedance	100 M Ω , 4 pF
Bandwidth	300 MHz
Rise Time	1.2 ns
Compensation Range	10..50 pF
Cable Length	1.2 m
Max. Input Voltage	2500 Vp CAT I, DC incl. Peak AC (derating with frequency)
Order Number	13010

Hochspannungs-Tastköpfe | High Voltage Probes



	TT-HVP 08	TT-HVP 15HF	TT-HVP 2739	TT-HVP 40
Compatible with	Oscilloscopes	Oscilloscopes	Oscilloscopes	Multimeter
Attenuation Ratio	x1000	Nicht mehr lieferbar, Nachfolgemodell: TT-HVP15B x1000	x1000	x1000 @ 10 MΩ x2000 @ 1 MΩ
Accuracy	VDC ±2 % [+5 kV] VDC ±3 % [+5 kV -8 kV] VAC ±3 % @ 1 kHz	VDC ±6 % VAC ±6 % @ 1 kHz	VDC ±3 % VAC ±6 % @ 1 kHz	-
Bandwidth	40 MHz (-3 dB)	50 MHz (-3 dB)	220 MHz (-3 dB)	300 Hz (-3 dB)
Rise Time	9 ns	7 ns	1.6 ns	-
Input Impedance	100 MΩ, 3 pF	100 MΩ, 1 pF	900 MΩ, 1 pF	1000 MΩ
Compensation Range	10..30 pF	15..30 pF	15..35 pF	-
Max. Input Voltage	DC 8 kV AC 6 kVrms PEAK 16 kV	DC 15 kV AC 10 kVrms PEAK 30 kV	DC+AC peak 39 kV AC 27 kVrms	DC 40 kV AC 28 kVrms (0..300 Hz)
IEC1010	CAT I Pollution Degree 2	CAT I Pollution Degree 2	CAT I Pollution Degree 2	CAT I Pollution Degree 2
Cable Length	2.0 m	2.0 m	2.0 m	1.0 m
Dimensions (L x W x H)	220 mm x 50 mm x 50 mm		320 mm x 80 mm x 80 mm	350 mm x 75 mm x 75 mm
Order Number	15008	15000	15014	15001



Model / Order-No.	TT-HVP 15B / 15010
Division Ratio	1000:1
Input Resistance	100M Ω
Input Capacitor	3,0pF \pm 0,5pF
Max. DC+AC peak	20kV CAT 0
Max. AC RMS.	7kV CAT 0
Max. DC	10kV CAT 0
Band Width	DC~40MHz (-3dB)
Rise Time	\leq 8,8ns
Signal / Noise	DC: > 60dB @ 1kHz ; > 50dB @ 1MHz
DCV Accuracy	\leq 6%
Temp. Coefficient	\leq 200 ppm/ $^{\circ}$ C
Compensation Range	15pF ~ 30pF
Safety Standard	meets IEC61010-031:2015
Measurement Category	CAT 0 / Pollution Degree 2
Cable Length	2m \pm 0.2m
Operation Temp.	-10 $^{\circ}$ C to 55 $^{\circ}$ C
Humidity	85% RH or less (@ 35 $^{\circ}$ C)
Storage Temp.	-20 $^{\circ}$ C to 70 $^{\circ}$ C
Color: Handel / Body	Black / Yellow
Weight / Volume	250g / 75(W) x 75(H) x 340(L) mm

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