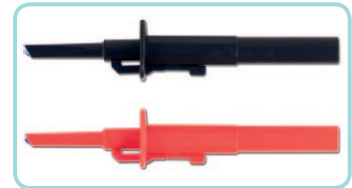


Aktive Differential-Tastköpfe | Active Differential Probes TT-SI 9101 | TT-SI 9110 | TT-SI 9010



Mitgeliefertes Zubehör /
Supplied Accessories



Specifications	Type	TT-SI 9101	TT-SI 9110	TT-SI 9010	
Order Number		15111	15120	15106	
Bandwidth		DC to 100MHz (-3dB)	DC to 100MHz (-3dB)	DC to 70MHz (-3dB)	
Attenuation Ratio		1:10 / 1:100	1:100 / 1:1000	1:100 / 1:1000	
Accuracy		±2%	±2%	±2%	
Rise Time		3,5ns	3,5ns	5ns	
Input Impedance		4MΩ // 7pF each side to ground	4MΩ // 7pF each side to ground	10MΩ // 10pF each side to ground	
Input Voltage - Differential Range	1:10	±70V (DC + peak AC) or 70Vrms	1:100 ±140V (DC + peak AC) or 140Vrms	1:100 ±700V (DC + peak AC) or 700Vrms	
	1:100	±700V (DC + peak AC) or 700Vrms	1:1000 ±1400V (DC + peak AC) or 1000Vrms	1:1000 ±7000V (DC + peak AC) or 2500Vrms	
- Common Mode Range	1:10	±700V (DC + peak AC) or 700Vrms	1:100 ±1400V (DC + peak AC) or 1000Vrms	1:100 ±7000V (DC + peak AC) or 2500Vrms	
	1:100	±700V (DC + peak AC) or 700Vrms	1:1000 ±1400V (DC + peak AC) or 1000Vrms	1:1000 ±7000V (DC + peak AC) or 2500Vrms	
- Absolute max. Voltage (Differential Mode)	1:10	±1400V (DC + peak AC) or 1000Vrms	1:100 ±1400V (DC + peak AC) or 1000Vrms	1:100 ±7000V (DC + peak AC) or 2500Vrms	
	1:100	±1400V (DC + peak AC) or 1000Vrms	1:1000 ±1400V (DC + peak AC) or 1000Vrms	1:1000 ±7000V (DC + peak AC) or 2500Vrms	
	[Common Mode]	1:10	±1400V (DC + peak AC) or 1000Vrms	1:100 ±1400V (DC + peak AC) or 1000Vrms	1:100 ±7000V (DC + peak AC) or 2500Vrms
		1:100	±1400V (DC + peak AC) or 1000Vrms	1:1000 ±1400V (DC + peak AC) or 1000Vrms	1:1000 ±7000V (DC + peak AC) or 2500Vrms
Overvoltage Category		CAT III	CAT III	CAT I	
Output - Swing - Offset (typical) - Noise (typical) - Source Impedance (typical)		±7V (into 50kΩ load) <±5mV 0,9mVrms 50Ω	±1,4V (into 50kΩ load) <±5mV 0,9mVrms 50Ω	±1,4V (into 50kΩ load) <±5mV 0,9mVrms 50Ω	
	CMRR (typical)		-85dB @ 50Hz, -55dB @ 1MHz	-80dB @ 60Hz, -60dB @ 1MHz	-80dB @ 50Hz, -60dB @ 1MHz

Technische Änderungen vorbehalten | All specifications and characteristics are subject to change without notice

Power requirements: 4 x AA Cells or Mains Adaptor 6VDC/200mA or regulated 9VDC/120mA

Dimensions: [L x W x H] 202mm x 83mm x 38mm

Length: BNC Cable 90cm - Input Leads 30/60cm

Weight: 500g