

Aktive Differential-Tastköpfe / Active Differential Probes

TT-SI 50, TT-SI 51, TT-SI 52



Specifications	Type	TT-SI 50	TT-SI 51	TT-SI 52
Ordernumber		15130	15131	15132
Bandwidth		DC to 50MHz (-3dB)	DC to 50MHz (-3dB)	DC to 50MHz (-3dB)
Attenuation Ratio		1:10	1:100	1:200
Accuracy		±1%	±1%	±1%
Rise Time		<7ns	<7ns	<7ns
Input Impedance		1,6MΩ // 7pF each side to ground	4MΩ // 7pF each side to ground	7MΩ // 7pF each side to ground
Input Voltage				
- Differential Range		±70V (DC + peak AC) or 70Vrms	±700V (DC + peak AC) or 600Vrms	±1400V (DC + peak AC) or 1000Vrms
- Common Mode Range		±700V (DC + peak AC) or 600Vrms	±1400V (DC + peak AC) or 600Vrms	±1400V (DC + peak AC) or 1000Vrms
- Absolute max. Voltage (either inputs to ground)		±700V (DC + peak AC) or 600Vrms CAT I	±1400V (DC + peak AC) or 600Vrms CAT II	±1400V (DC + peak AC) or 1000Vrms CAT II
Output				
- Swing		±7V (into 5kΩ load)	±7V (into 5kΩ load)	±7V (into 5kΩ load)
- Offset (typical)		<±2mV	<±1mV	<±1mV
- Noise (typical)		0,7mVrms	0,3mVrms	0,3mVrms
- Source Impedance (typical)		50Ω	50Ω	50Ω
CMRR (typical)		-95dB @ 60Hz, -60dB @ 1MHz	-90dB @ 60Hz, -55dB @ 1MHz	-85dB @ 60Hz, -50dB @ 1MHz

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

Power requirements (optional): removeable battery pack (4 x AA Cells)
or Mains Adaptor 6VDC/90mA or regulated 9VDC/70mA

Dimensions: (L x W x H) 111mm x 22mm x 14mm

Length: BNC Cable 125cm - Input Leads 50cm

Hardcase included

Weight: 300g