

TECHNICAL PRODUCT INFORMATION

Technical measurement solutions for

- ▶ semiconductor
- ▶ electronic &
- ▶ high frequency questions.

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Ordering Notes for Various Probe Tip Variants

Model No.	Additional Resistor at 50 Ω Coaxial Tip	Outer Diameter of Probe Wire	Probe Wire Material	Number of Probe Wires	Ground R/L	Spacing Between Contact Points
10-	50/120 = without additional resistor (50 Ω coaxial cable with 0.120 in long probe contacts)*	125 = 125 μm probe wire with tip radius: approx. 5 μm (tungsten) or approx. 25 μm (palladium or beryllium copper) 60 = 60 μm probe wire with tip radius: approx. 3 μm (tungsten) or approx. 10 μm (palladium or beryllium copper) 35 = 35 μm probe wire with tip radius: approx. 2 μm (tungsten only) 22 = 22 μm probe wire with tip radius: approx. 1 μm (tungsten only) 10 = 10 μm probe wire with tip radius: approx. 0.2 μm (tungsten only)	W Tungsten Pd Palladium (Only available with 200 μm diameter and 2.5 μm tip radius or 12.5 μm tip radius) BeCu Beryllium copper	1 = signal wire only 2 = one signal wire and one ground wire	R = right L = left	Spacing Between Signal and Ground Contact (specified in inches or μm)
	50/30 = without additional resistor (50 Ω coaxial cable with 0.030 in long probe contacts)*					
	50T = 50 Ω resistor between center conductor and shield directly in front of the probe contacts					
	50C = capacitor between center conductor and shield directly in front of the probe contacts (specify value)					
	250 = 250 Ω input resistance with 5:1 attenuation					
	500 = 500 Ω input resistance with 10:1 attenuation					
	1K = 1 kΩ input resistance with 20:1 attenuation					
	2.5K = 2.5 kΩ input resistance with 50:1 attenuation					
	5K = 5 kΩ input resistance with 100:1 attenuation					

Example Ordering Code:	10-500-60-W-2-R-120 μm	Explanation
Model Number	10-500-60-W-2-R-120 μm	Model 10
Additional Resistor	10- 500 -60-W-2-R-120 μm	500 Ω input resistance with 10:1 attenuation
Probe Wire Diameter	10-500- 60 -W-2-R-120 μm	60 μm tungsten probe wire with approx. 3 μm tip radius
Material	10-500-60- W -2-R-120 μm	Tungsten
Number of Probe Wires	10-500-60-W- 2 -R-120 μm	One Signal Wire and One Ground Wire
Ground Position	10-500-60-W-2- R -120 μm	Ground to the right of the signal point INFO: Side indication with view of the probe tip from front to back: R = ground to the right of the signal point L = ground to the left of the signal point.
Spacing	10-500-60-W-2-R- 120 μm	120 μm between signal and ground contact