

P200 Passive Probe Customizable Interconnect Solution

INTRODUCTION

The P200 Passive Probe family is a part of Carlisle Interconnect Technologies' full lineup of customizable interconnect solutions that is a standard, commercial off-the-shelf system engineered to deliver consistent, repeatable, and dependable results. Designed to provide a superior quality "look and feel" for customers who want a cost effective solution with the highest quality. The P200 Passive Probe family is fully customizable for color, shape, logos, markings, and attenuation. Accessories can also be custom-designed to your application.

Feature	Customer Benefit
250 MHz bandwidth	Reliable performance and quality engineered at a low cost.
Highly configurable design	 Nearly all features can be configured to match unique "look and feel" and custom specification (attenuation, bandwidth, etc)
Third-party certified, exceeds UL61010-31, IEC61010-31	Superior product quality backed by UL certification
1X, 10X switchable configuration	 Switchable configuration gives the flexibility to choose the attenuation that fits your application Non-switchable configurations available (contact us for more information)



SUGGESTED APPLICATIONS

- » Low power device services
- » Manufacturing engineering
- » Test research and development
- » Relative low frequency measurement

- » Low frequency computer and telecom measurements
- » Power supplies
- » Inverter design

Learn more: CarlislelT.com/products

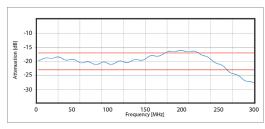
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SPECIFICATIONS AND PERFORMANCE

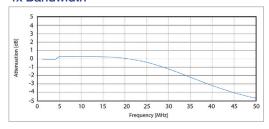
Parameter	P200 -010S (1X, 10X Switchable Attenuation)		
Bandwidth	DC - 10 MHz	DC - 200 MHz	
Attenuation Ratio	1:1	10:1	
Max Input Voltage (V)	*150 V CAT II	*300 V CAT II	
Input Resistance	1 ΜΩ	10 ΜΩ	
Input Capacitance (pF)	<110 pF	15 pF	
Compensation Range	N/A	10 - 25 pF	
Rise Time	<35 ns	<2.1 ns	
Safety	Conformance to Low Voltage Directive (LVD) 73/23/EEC, amendment 93/68/EEC; IEC-61010-031:2015		
Operating Temperature	0 °C to 50 °C, 80% RH		
Storage Temperature	-40 °C to 70 °C		
Operating Altitude	Up to 2,000 m		
Storage Altitude	Up to 15,000 m		

^{*}Max input voltage frequency dependent, see Voltage Derating Curve.

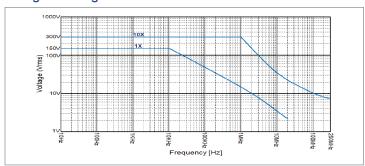
10x Bandwidth



1x Bandwidth



Voltage Derating Curve



ORDERING INFORMATION Model Description

P200-010S 1X,10X Switchable Probe Kit

Kit Includes:

» Grabber Hook

» Insulating Tip Cap

» BNC Adapter

» Probe

- » RF Ground Spring» Adjusting Screw Driver» Alligator Ground Lead» Instruction Manual









(1) Probe, (2) Grabber Hook, (3) BNC Adapter, (4) Alligator Ground lead, (5) RF Ground Spring.



See CarlisleIT's line of probes at:

CarlisleIT.com/markets/test-measurement/probes

+1 (800) 458.9960 TMSales@CarlisleIT.com