

P200 Passive Probe Customizable Interconnect Solution

INTRODUCTION

The P200 Passive Probe family is a part of Amphenol CIT's 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)



Passive Probe P200

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

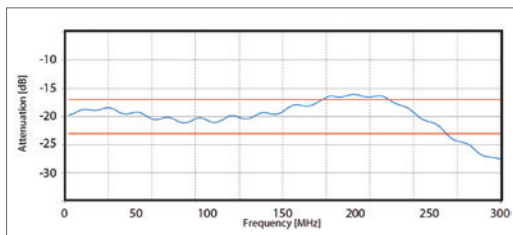
P200 Passive Probe Customizable Interconnect Solution

SPECIFICATIONS AND PERFORMANCE

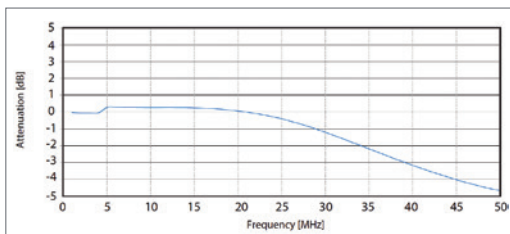
Parameter	P200 -010S (1X, 10X Switchable Attenuation)	
	Bandwidth	DC - 10 MHz
Attenuation Ratio	1:1	10:1
Max Input Voltage (V)	*150 V CAT II	*300 V CAT II
Input Resistance	1 MΩ	10 MΩ
Input Capacitance (pF)	<110 pF	15 pF
Compensation Range	N/A	10 - 25 pF
Rise Time	<35 ns	<2.1 ns
Safety	Conformance to 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.

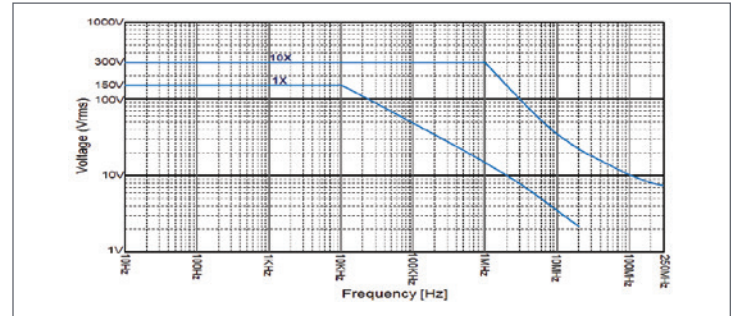
10x Bandwidth



1x Bandwidth



Voltage Derating Curve



ORDERING INFORMATION

Model	Description
P200-010S	1X,10X Switchable Probe Kit
Kit Includes:	<ul style="list-style-type: none"> » Probe » Grabber Hook » Insulating Tip Cap » BNC Adapter » 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.