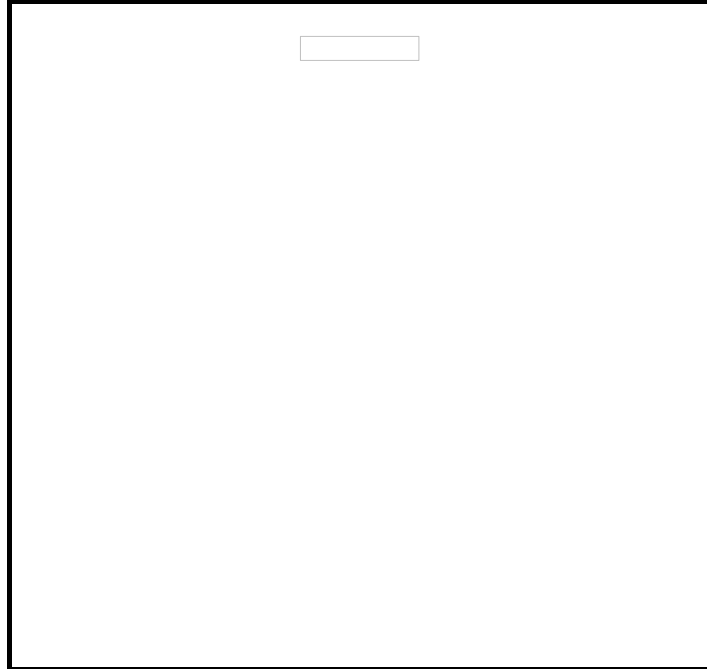


FEATURES

- **100 MHz Bandwidth:** Allows for detailed signal analysis and accurate measurements.
- **Maximum Common Mode Input Voltage of 6500 Vrms:** Ensures safe operation in high voltage environments.
- **BNC Connector Type:** Provides secure and reliable connections.
- **7 ns Rise Time:** Offers fast response for capturing transient signals.
- **Safety Category Level CAT III:** Suitable for use in demanding industrial settings.

RS PRO High Voltage Differential Probe, 100 MHz Bandwidth

RS Stock No: 642-980



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The RS PRO High Voltage Differential Probe is designed for precise measurement of high voltage signals. With a bandwidth of 100 MHz, it is ideal for applications requiring accurate signal analysis in high voltage environments. Its main benefit is the ability to safely measure differential voltages up to 6500 Vrms, making it essential for engineers and technicians working with high voltage systems.

General Specifications

Attenuation	x100, x200, x500, x1000
Bandwidth	100 MHz
Connector Type	BNC
Number of Probes	1
Probe Type	Test Probe Set
Product Type	High Voltage Differential Probe
Rise Time	7 ns

Electrical Specifications

Maximum Common Mode Input Voltage	6500 Vrms
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Protection Category

Safety Category Level	CAT III
Safety Category Voltage	7000 V

Approvals

Standards/Approvals	EN 61326-1, EN 61326: 1997+A1: 1998+A2:2 003 Class B, EN 61000-3-2: 2006, EN 61000-3-3: 1995+A1: 2001+A2 : 2005, IEC-EN 61010-031: 2002+A1: 2008, IEC 61000-4-2: 1995+A1 : 1998+A2 : 2000, IEC 61000-4-3: 2002+A1: 2002, IEC 61000-4-4: 2004, IEC 61000-4-5: 1995+A1 : 2000, IEC 61000-4-6: 2003+A1: 2004, IEC 61000-4-11: 2004
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