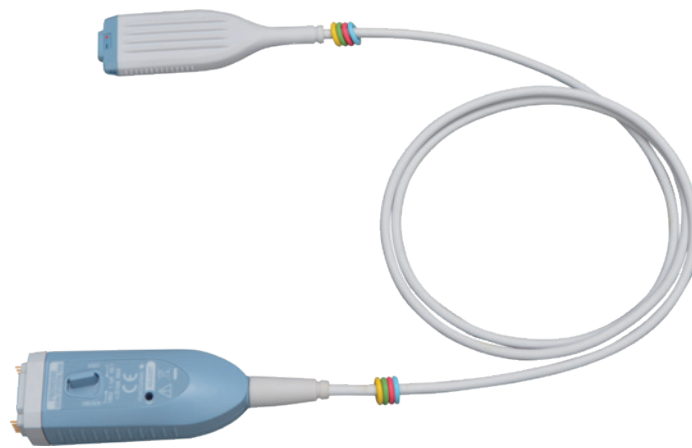


Accessory for DLM series

PBDH0500 Differential Probe

701925 (500 MHz)

Ideal for checking CAN FD waveform quality!



**±25 V
(DC + ACpeak)
500 MHz**

PBDH0500 Differential Probe 701925

Covers a wide range of high-speed floating signal input voltage

The 500 MHz band makes this probe ideal for measuring high-speed floating and differential signals such as CAN FD. In addition, since it covers a wide input voltage range of ±25 V, it is possible to accurately measure a large surge.

High input impedance enabling accurate waveform measurement

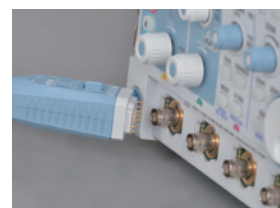
When the input impedance of a probe is low, the load effect affects the quality of the measured waveform and the operation of the measurement target. 701925 has high input resistance and low input capacitance to reduce the load effect and enable accurate waveform measurement.

	701925* (PBDH0500)	701924 (PBDH1000)
Input resistance	1 MΩ	1 MΩ
Input capacitance	1.1 pF	1.1 pF

*701925 is a series product of 701924.

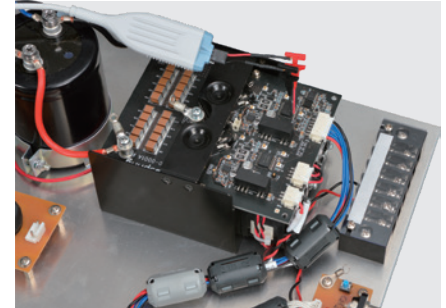
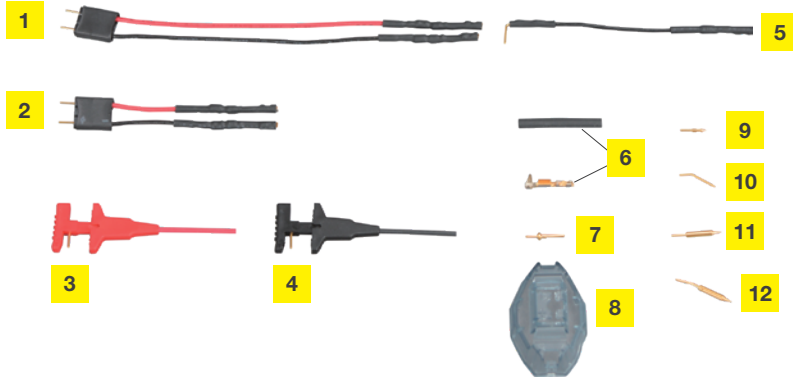
Easy to use just by connecting to an oscilloscope

Since 701925 supports “Yokogawa probe interface”, the attenuation ratio is automatically recognized and power is supplied just by connecting it to an oscilloscope (DLM series). This enables smooth preparation for measurement.



Abundant tip accessories

To keep the distance from the measurement location, use the pair leads.
 To guide the high-speed waveform in the shortest distance, use the straight pin/angle pin or others.
 701925 with more than 10 types of accessories supports measurement under various conditions.
 Pair leads, clips, input pins, etc. are the standard accessories.*1



Standard Accessories

- 1** 10-cm pair leads
- 2** 5-cm pair leads
- 3** Red micro clip
- 4** Black micro clip
- 5** 6-cm ground extension lead
- 6** Contact, heat-shrink tube
- 7** Flanged input pin
- 8** Retaining cover
- 9** Straight pin
- 10** Angled pin
- 11** Spring-type straight pin
- 12** Spring-type angled pin

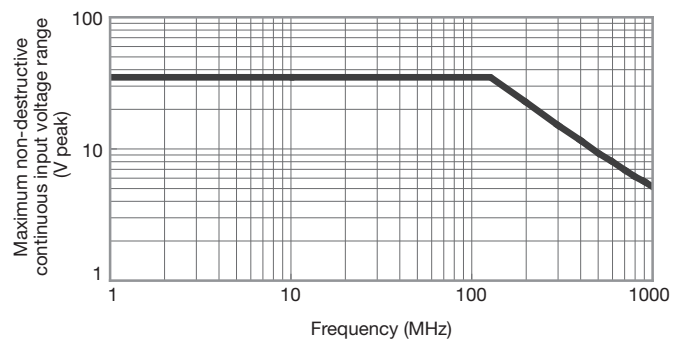
*1: The maximum input voltage and frequency bandwidth specifications may change due to replacement of the tip

Specification

Item	701925	701924
Name	PBDH0500 Differential probe	PBDH1000 Differential probe
Frequency Bandwidth (-3 dB)	500 MHz	1 GHz
Connector type	YOKOGAWA probe Interface/50 Ω	
Input Resistance/ Capacitance (typical) ¹	1 MΩ/1.1 pF	
Allowable differential voltage	±25 (DC + ACpeak)	
Maximum input voltage	±35 (DC + ACpeak)	
Operating temperature range	5 to 40°C	
Operating humidity range	20 to 80%	
Probe Length	1200 mm	
Attenuation ratio	50 : 1	
Probe power ³	Dedicated probe interface	
Standard accessories	10-cm pair leads, 5-cm pair leads, Red micro clip, Black micro clip, ground extension lead, Contact, heat-shrink tube, Flanged pin, Retaining cover, Straight pin, Angled pin, Spring-type straight pin, Spring-type angled pin	

*2: To ground *3: Power is supplied through the dedicate probe interface.

Derating of the input voltage by frequency



Model name

Model	Name
701925	PBDH0500 Differential probe

NOTICE

- Before operating the product, read the user's manual thoroughly for proper and safe operation.



YOKOGAWA TEST & MEASUREMENT CORPORATION
 Global Sales Dept. /E-mail: tm@cs.jp.yokogawa.com

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 [Ed: 02/b]