

## Specifications

Input type	Balanced differential input
Frequency bandwidth	DC to 500 MHz for probe *1
Attenuation ratio	10:1±3% when connected to a resistance of 50Ω±1% *1
Input resistance (typical value)	100 kΩ (relative to ground)
Input capacity (typical value)	2.5 pF (relative to ground)
Differential input voltage range	±12V
Common mode input voltage range	±30 V
Nondestructive input voltage range	±40 V (DC+AC peak) *2
Output offset voltage	±5 mV (±50 mV when converted into input terminal) *1
CMPR (typical value)	60 dB (1 MHz), 17 dB (500 MHz)
Total cable length	1.2 m (probe cable), 1 m (power supply cable)
Power supply voltage	±12 V ± 1 V(Usable range: 11 to 13 V, -11 to -13 V)
Power supply current:	Current of the power supply terminal is less than 125 mA
External dimensions	111 mm × 22 mm × 14 mm (excluding cable and accessories)
Operating temperature	5 to 40 °C
Operating humidity	25 to 85%RH (no condensation)
Storage temperature	-20 to 60 °C
Storage humidity	25 to 85%RH (no condensation)
Weight	Approx. 130 g

\*1 Standard operating conditions

Ambient temperature 23±°C, Ambient humidity 50±10%RH; 30 minutes after the power supply is applied.

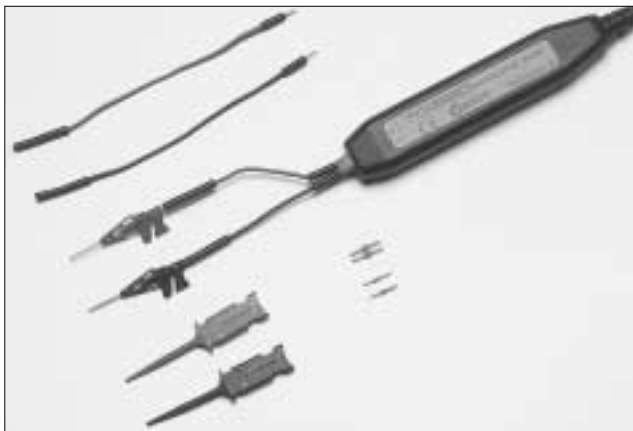
\*2 For the relation between frequency and input voltage derating see the graph.

## Part name and Model

Part Name	Model	Description
Differential Probe	701920	DC to 500 MHz Bandwidth

## Standard Accessories

Part Name	Part Number
Differential Probe Accessories	B9852SZ



### NOTICE

- Before operating the product, read the instruction manual thoroughly for proper and safe operation.
- If this product is for use with a system requiring safeguards that directly involve personnel safety, please contact the Yokogawa sales offices.