



# OH5007 / OH5018 / OD5040

## Passive High Voltage Probe

### OH5007

- + Working voltage: DC: 10KV AC(rms): 7KV Vpp:20KV(pluse)
- + Input impedance: 100MΩ
- + Bandwidth: 50MHz
- + Input capacitance: 3.0PF
- + Pure copper probe is highly durable
- + BNC connector is highly versatile



### Accessories and Packaging



### Specifications

Model	OH5007
Max. Working Voltage	DC: 0 - 10KV, AC(rms): 0 - 7KV, Vpp: 0-20KV (Pulse)
Bandwidth	50MHz
Noise	>60dB(1KHz), >50dB(1MHz)
Attenuation Ratio	1 : 1000
Accuracy	DC:±3%(DC to 10 KV) AC:±3%(1KHz/1KV/1KHz RMS) -3dB:0 ~ 40MHz
Input Impedance	100MΩ±5%
Input Capacitance	3.0 PF ±0.5 PF
Cable Length	2m±0.2m
Temperature Coefficient	≤200PPM/°C
Operating Temperature	0 ~ +50°C
Volume	340 mm x 80Φ (cylindrical)
Weight	250 g



# OH5018



- + Working voltage:  
DC+AC: 18KV CAT II  
AC(rms): 12KV CAT II
- + Input impedance: 200MΩ
- + Bandwidth: 100MHz
- + Input capacitance: 1.5PF
- + Pure copper probe is highly durable
- + BNC connector is highly versatile

## Accessories and Packaging



## Specifications

Model	OH5018
Max. Working Voltage	DC+AC(Peak): 18KV,CAT II AC(rms): 12KV CAT II
Bandwidth (-3dB)	100MHz
Noise	>60dB(1KHz), >50dB(1MHz)
Attenuation Ratio	1 : 1000
Accuracy	DC:≤3% AC:≤3%(1KHz)
Input Impedance	200MΩ
Input Capacitance	1.5PF
Cable Length	2m±0.2m
Temperature Coefficient	≤200PPM/°C
Operating Temperature	-10°C ~ +50°C
Volume	320 mm x 80Φ (cylindrical)

# OH5040

- + Working voltage: DC+AC: 40KV CAT II, AC(rms): 27KV CAT II
- + Input impedance: 900M $\Omega$
- + Bandwidth: 50MHz
- + Input capacitance: 2PF
- + Pure copper probe is highly durable
- + BNC connector is highly versatile



## Specifications

Model	OH5040
Max. Working Voltage	DC+AC(Peak): 40KV,CAT II AC(rms): 27KV CAT II
Bandwidth (-3dB)	50MHz
Noise	>60dB(1KHz), >50dB(1MHz)
Attenuation Ratio	1 : 1000
Accuracy	DC: $\leq 3\%$ AC: $\leq 3\%$ (1KHz)
Input Impedance	900M $\Omega$
Input Capacitance	2PF
Cable Length	2m $\pm$ 0.2m
Temperature Coefficient	$\leq 200$ PPM/ $^{\circ}$ C
Operating Temperature	-10 $^{\circ}$ C ~ +50 $^{\circ}$ C
Volume	320 mm x 80 $\Phi$ (cylindrical)

## Accessories and Packaging





**OWON high voltage probes are equipped with replaceable hooks to meet different test needs.**



## SAFETY PRECAUTIONS

**This high voltage probe only for the person who are trained, experienced, or otherwise qualified to recognize hazardous situations and who trained in the safety precautions that necessary to avoid possible injury when using such a device.**

- *After receiving the product, please read the product manual carefully.*
- *Do not work alone when working with high voltage circuits.*
- *For your own safety, inspect the probes for cracks and frayed or broken leads before each use. If defects are noted, DO NOT USE the probe.*
- *Hands, shoes, floor and work bench must be dry. Avoid making measurements under humid, damp or other environmental conditions that might affect the safety of the measurement situation.*
- *If possible, always turn the high voltage source off before connection or disconnection the probe.*
- *The probe body should be kept clean and free of any conductive contamination.*