

Electrical Specifications

Function/ Model	DP-5205A
Bandwidth (-3dB)	DC - to 100 MHz
Attenuation	X50 / X500
Accuracy	$\leq \pm 2\%$
Voltage Input Ranges	$\leq \pm 130$ V (DC + AC peak) for X50, (i.e about 183 VRMS) $\leq \pm 1300$ V (DC + AC peak) for X500, (i.e about 1838 VRMS)
Permitted Max. Input Voltage	Max differential voltage: ± 1300 V (DC + AC peak) Max voltage between each input terminal and ground: 919 VRMS
Input Impedance	5 M Ω // 2 pF each side to ground
Output Voltage	$\leq \pm 2.6$ V
Output Impedance	50 Ω (for 1 M Ω input oscilloscope)
Rise Time	≈ 4 nS
Rejection Rate on Common Mode	60 Hz: > 80 dB / 100 Hz: > 60 dB / 1 MHz: > 50 dB
5 MHz Limit Bandwidth	Switchable: Full / 5MHz

General Specifications

Model	DP-5205A
Power Supply	External 5 V DC (USB Input), consumption about 300 mA
Dimensions	175 x 68 x 28 mm
Weight	285 g
Temperature	Reference: +20 °C ~ +30 °C Use: 0 °C ~ +50 °C Storage: -30 °C ~ +70 °C
Relative Humidity	Reference: ≤ 70 %RH Use: 10 % ~ 85 %RH Storage: 10 % ~ 90 %RH
Accessories	Extender leads x 2pcs, Hook clips x 2pcs, Alligator clips x 2pcs, Test probes x 2pcs, USB cable x 1pc, Plug convertor x 1pc, AC adapter x 1pc, Instruction manual