

## Electrical Specifications

| Function/ Model               | DP-5609UF   |
|-------------------------------|---|
| Bandwidth (-3dB)              | DC to 200 MHz   |
| Attenuation                   | X10 / X100  |
| Accuracy                      | $\leq \pm 2\%$  |
| Voltage Input Ranges          | $\leq \pm 26$ V (DC + AC peak) for X10, (i.e about 18 Vrms)<br>$\leq \pm 260$ V (DC + AC peak) for X100, (i.e about 183 Vrms) |
| Permitted Max. Input Voltage  | Max differential voltage: $\pm 260$ V (DC + AC peak)<br>Max voltage between each input terminal and ground: 91.5 Vrms         |
| Input Impedance               | 1 M $\Omega$ // 1 pF each side to ground  |
| Output Voltage                | $\leq \pm 2.6$ V  |
| Output Impedance              | 50 $\Omega$ (for 1 M $\Omega$ input oscilloscope)   |
| Rise Time                     | $\approx 1.75$ nS   |
| Rejection Rate on Common Mode | 60 Hz: > 80 dB / 100 Hz: > 60 dB / 1 MHz: > 50 dB   |
| 5 MHz Limit Bandwidth         | Switchable: Full / 5 MHz  |

## General Specifications

| Model             | DP-5609UF  |
|-------------------|--|
| 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<br>Use: 0 °C ~ +50 °C<br>Storage: -30 °C ~ +70 °C   |
| Relative Humidity | Reference: $\leq 70\%$ RH<br>Use: 10% ~ 85% RH<br>Storage: 10% ~ 90% RH  |
| Accessories       | Extender leads x 2 pcs, Hook clips x 2 pcs, Alligator clips x 2 pcs,<br>Test probes x 2 pcs, USB cable x 1 pc, Plug convertor x 1 pc,<br>AC adapter x 1 pc |