

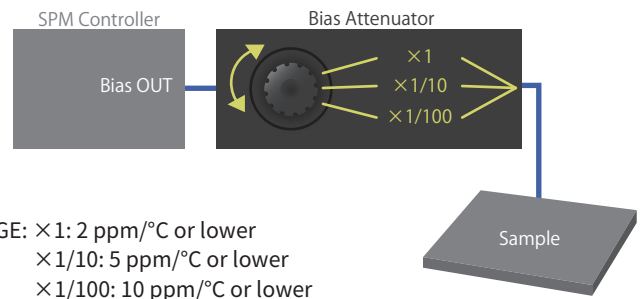
UBDF-200 Bias Attenuator

Attenuates and outputs the input bias voltages to 1/1, 1/10, and 1/100.
Used for STM and STS measurements in mV order sample bias.
High-frequency noise can be attenuated by low-pass filter circuit.



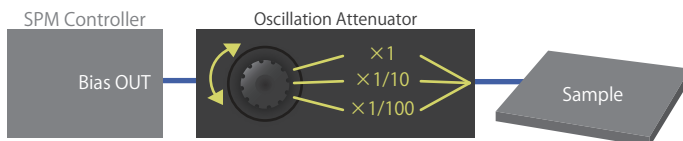
SPECIFICATIONS

- ▶ INPUT: BNC receptacle
- ▶ INPUT IMPEDANCE: 10kΩ (×1, ×1/10, ×1/100 same value)
- ▶ OUTPUT: MS3106 straight plug 6-pin socket
- ▶ OUTPUT PIN: A, B, C, D, E, F
- ▶ DIMENSIONS: H85.7 x W50 x D28.6 mm
- ▶ VOLTAGE-ATTENUATING PRECISION: ±0.2%
- ▶ CUTOFF FREQUENCY: 100 kHz
- ▶ CHANGES IN ATTENUATION RATIO DUE TO TEMPERATURE CHANGE: ×1: 2 ppm/°C or lower
×1/10: 5 ppm/°C or lower
×1/100: 10 ppm/°C or lower



OSA-100 Oscillation Attenuator

Attenuates and outputs the input bias voltages to 1/1, 1/10, and 1/100.
Used for AFM measurements in mV order sample bias. High-frequency noise can be attenuated by low-pass filter circuit.



SPECIFICATIONS

- ▶ INPUT: BNC receptacle
- ▶ INPUT IMPEDANCE: 20kΩ (×1, ×1/10, ×1/100 same value)
- ▶ OUTPUT: MS3106 straight plug 6-pin socket
- ▶ OUTPUT PIN: A (B: GND, C~F: NC)
- ▶ DIMENSIONS: H85.7 x W50 x D28.6 mm
- ▶ VOLTAGE-ATTENUATING PRECISION: ±0.5%
- ▶ CUTOFF FREQUENCY: 300 kHz

