

CALIBRATION ATTENUATORS P 400, P401, P402



Calibration attenuator P400 is suitable for measurement of voltage impulses 5/50 ns produced by EFT-generator. These impulses can reach the amplitude of 4 kV in frequency up to 100 MHz. Attenuators are made of aluminium profile and nickel-plated brass. The Output is led on BNC connector 50Ω (female), the input is led on 50Ω BNC (male) too with the option of adaptors for different types of HV-connectors (SHV, FISCHER ...). The P402 can be directly equipped with high voltage input connector (SHV, FISCHER...) to reduce the input capacitance (no adaptor used).

Calibration attenuators P400 and P402 are made for accurate measurement of shape of single pulses in frequency range up to 400MHz.

The attenuator P401 is made for measurement of group of pulses with high energy. The frequency range is limited, rise edge is not accurate displayed.

	P 400	P 401	P 402
Transfer ratio by 50Ω termination	1/100	1/100	1/1000
Maximum amplitude of single pulses 5/50 ns [kV]	4,5	4,5	4,5
Maximum amplitude of group of pulses 5/50 ns [kV]	1,5	4,5	4,0
Input impedance [Ω]	50	50	1000
Output impedance [Ω]	50	50	50
Transferred frequency range 1dB [MHz]	400	10	400
Dimensions [mm]	30×30×80	30×30×85	30×30×80