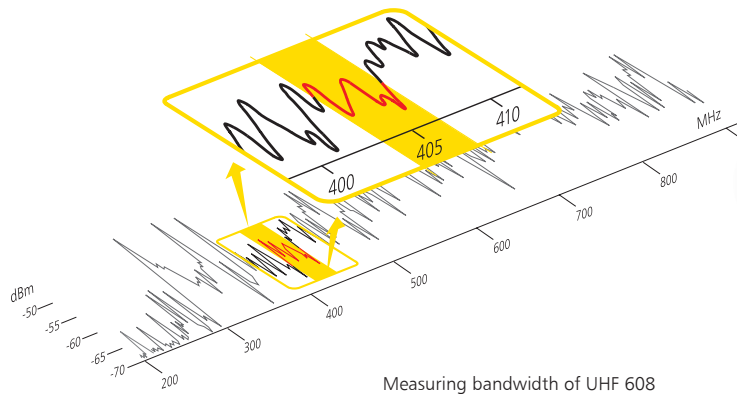


UHF 608 Bandwidth Converter

Accessory to MPD 600



The UHF 608 extends the measuring frequency range of the MPD 600 system. Partial discharge (PD) can be measured in an additional frequency range of 220 to 850 MHz. All PD data will be converted simultaneously into a bandwidth which can be processed by the MPD 600.

Combining UHF 608 and MPD 600 results in a precise narrowband measuring system, which measures, converts and digitizes PD data in just one step. The freely selectable center frequency allows the user to choose a frequency range with less disturbances and a higher signal-to-noise ratio.

The UHF 608 is ideal for measuring cable joints and cable terminations. This unconventional VHF / UHF partial discharge measuring method can be used for commissioning tests as well as for on-site and online diagnostics.

Furthermore, the UHF 608 can be connected to any UHF sensor with 50 Ω input impedance.

Technical data

UHF input range f_c	220 to 850 MHz (adjustable in 500 kHz steps)
Measuring bandwidth Δf	Adjustable up to 1,5 MHz
Impedance UHF input	50 Ω (N-type input jack)
RF pre-amplifier	20 dB amplifier, switchable
Power supply	Via AUX-connector of MPD 600
Weight	700 g / 1.5 lbs
Dimensions (W x H x D)	110 x 44 x 190 mm / 4.3 x 1.7 x 7.5 in
Operating temperature	0 to 55 °C / 35 to 130 °F
Relative humidity	5 to 100 %, non-condensing
Order number	VEHZ4130

OMICRON is an international company serving the electrical power industry with innovative testing and diagnostic solutions. The application of OMICRON products allows users to assess the condition of the primary and secondary equipment on their systems with complete confidence. Services offered in the area of consulting, commissioning, testing, diagnosis, and training make the product range complete.

Customers in more than 140 countries rely on the company's ability to supply leading edge technology of excellent quality. Broad application knowledge and extraordinary customer support provided by offices in North America, Europe, South and East Asia, Australia, and the Middle East, together with a worldwide network of distributors and representatives, make the company a market leader in its sector.

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