

## CPL 542 / 543 - Quadripole

Accessory to partial discharge measurement products

In most cases it is recommended to use an external quadripole with the MPD system. The CPL 542 and CPL 543 have been specially designed for this purpose and include an integrated  $90 V_{Peak}$  overvoltage protection device.

In addition to their primary function as measuring impedances the CPL 542 and CPL 543 optimize the frequency characteristics of the MPD input.



CPL 542 Quadripole

Technical Data	CPL 542	CPL 543
<b>Max. Currents</b>	0.5 A or 2 A	5 A
<b>Frequency Range</b> (PD output)	20 kHz - 6 MHz	20 kHz - 6 MHz
<b>Low-arm Capacitance</b>	30 $\mu$ F (for 0.5 A version) 120 $\mu$ F (for 2 A version)	272 $\mu$ F
<b>Input Connectors</b>	2 x 4 mm terminals (for connecting coupling capacitor) 1 x GND	2 x 4 mm terminals (for connecting coupling capacitor) 1 x GND
<b>Output Connectors</b>	2 x BNC (PD & V), 1 x BNC, arc detection output (TTL signal) at breakdown of test voltage	2 x BNC (PD & V)
<b>Dimensions</b> (W x H x D)	150 x 60 x 100 mm 5.9 x 2.4 x 4.0 in	150 x 60 x 100 mm 5.9 x 2.4 x 4.0 in
<b>Weight</b>	700 g / 1.5 lbs	700 g / 1.5 lbs
<b>Ordering Numbers</b>	VEHZ 4100: 0.5 A version VEHZ 4101: 2 A version	VEHZ 4103

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Customers in more than 130 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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