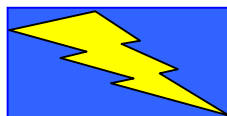


M&B Systems Power Test Equipment

Radio Frequency Current Transducer Type HV994C.T.Split



Advanced Technology for Industry



A number of designs of radio frequency current transducers based on the Rogowski Coil principle are available. These are primarily designed for use in measuring high frequency current pulses such as those generated by electrical discharge processes. These transducers are manufactured using ferrite type cores thus giving high sensitivity for use in monitoring low level PD activity. They are limited for use in medium current applications upto 200Amps.

Specifications of High frequency Clamp-on Current transformers Type HVS 994C.T. Split

Transfer Impedance (in band)	5 V/A (5%)
Frequency response	15kHz - 30MHz
Droop time	1.5 μ Sec (5%)
Typical rise-time response	Better than 20nSec
Internal clearances	95mm ID
External dimensions	160mm OD x 35mm cross section
Split core fastening method	Aluminium hinge and spring loaded latch
Recommended load Impedance	50 Ω
Transfer Impedance (50Hz)	2.8E-2 V/A
Saturation current at 50Hz	200 Amps
Colour	Polished Aluminium
Output connector	BNC female
Max 50Hz current	500Amps
Weight	1.50 Kg

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