

EMC Emission / Immunity Sensing Probe

CSP 9160

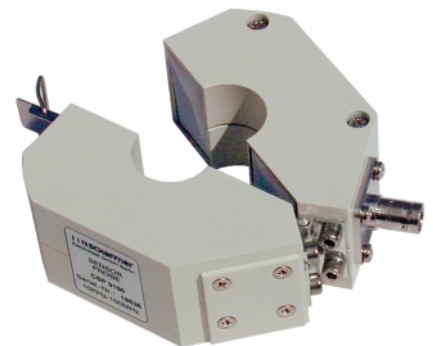
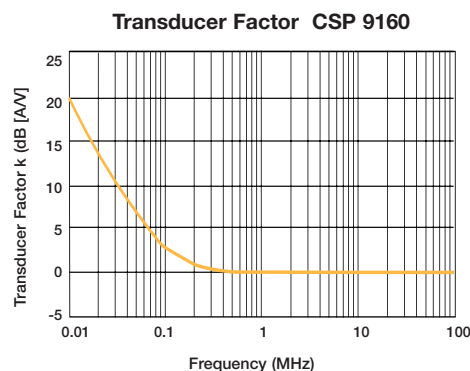
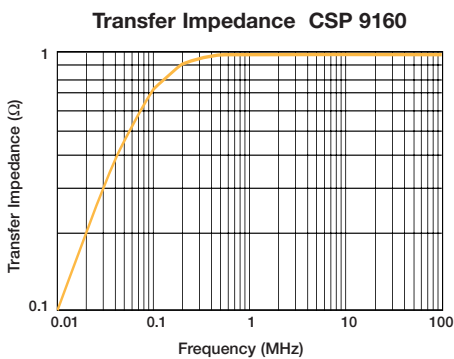
- Wide range for most monitoring applications
- 10kHz - 100MHz

The CSP 9160 is a broadband RF current sensor probe and can be used in a number of diagnostic applications to measure superimposed RF currents flowing in conductors, or cable harnesses.

A convenient feature of the CSP 9160 is that, from 500kHz - 100MHz, it has a flat frequency response with a 0dB transducer factor, allowing voltage measurements to be read as current, directly without any correction.

The probe can be easily and quickly clipped around the cable under test and the RF currents measured using an oscilloscope, spectrum analyser, or EMI receiver. Its large aperture (25.4mm) can accommodate most cables and can handle power lines with currents up to 150 amps.

Due to its broad frequency range and 0dB transducer factor, the CSP 9160 is an ideal sensing probe for immunity testing (bulk current injection) systems; and can be used in conjunction with Schaffner EMC Systems current injection probes.



UKAS Calibration option

Technical Specifications		CSP 9160	
Frequency range	10kHz to 100MHz (200MHz)	Max DC current or peak AC current (50Hz - 60Hz)	150A
Transducer factor	0dB (500kHz - 100MHz)	Max RF current	1 A
Transfer impedance	1Ω	Window diameter	25.4mm
Insertion impedance	<1Ω	Outside diameter (Incl. connector)	99mm
RF connector	BNC	Width	38.5mm