



Model FP7060CC
Electric Field Probe with Custom Calibration
100MHz-60GHz
0.7-300 V/m

The FP7060CC is a broadband isotropic electric field measurement instrument for use in EMC and EMI applications. The FP7060CC communicates through glass fiber optic cables (up to 100 meter cable between the FM7004 and the FP7060CC) to the master control center FM7004. This probe only returns composite values.

Includes the FP7060CC probe, 10 meter glass cable, international battery charger and carrying case.



FP7060CC SPECIFICATIONS

Frequency Response (w/calibration factors applied) ...	± 1 dB, 100 MHz-400 MHz ± 1.5 dB, 400 MHz-1.8 GHz ± 1 dB, 1.8 GHz-60 GHz
Analog Response Time	50 usec
Isotropic Deviation	± 1 dB
Sensitivity	0.7-300 V/m
Linearity	± 3 dB (1-2 V/m) ± 1 dB (2-250 V/m) ± 2 dB (250-300 V/m)
Damage Level	1600 V/m, CW
Probe Sampling Rate	60Hz, 50Hz, 5 Hz.- user selectable
Data Transfer Rate	>30 samples per second
Power Requirements	2 built-in NiMH batteries, size AA, rechargeable, changed by operator, 40 hours operating life per charge.
Battery Charger	Standard recharger included, 3 hour charge time.
Dimensions	Approx. 420 x 85 x 65 mm including base and probe
Probe Head Diameter	65 mm
Weight	350g approx.
Ranges	Single continuous range
Operating Temperature Range	0 to 50°C
Calibration Data	Accredited Calibration Report (A2LA) supplied with probe. User-specified calibration requirements must be provided using Form 647 at time of quote.