

## FCC Current Probe

### Datasheet



#### Introduction

The current Probe designed and manufactured by FCC has the processing capability of wide bands, high sensitivity and bulk current. Its available frequency range covers the basic power frequency and meets the need of kinds of users.

Dimensions (mm)								Max. Primary Current (Ampere)				
Model No.	Outside Drawing No.	A I.D.	B O.D.	C Ht	Zt W <sup>1</sup>	dB W <sup>1</sup>	Connector	DC-60 Hz	400 Hz	RF (CW )	Impulse <sup>2</sup>	Frequency Range
F-10	1	32	94	64	0.25	-12	N	350	350	100	100	10 Hz-2 MHz
F-10-1	1	32	94	64	0.03	-30	N	100	50	25	500	10 Hz-2 MHz
F-10A	1	67	142	53	0.25	-12	N	350	350	100	100	10 Hz-2 MHz
F-10A-1	1	67	142	53	0.03	-30	N	100	50	25	500	10 Hz-2 MHz
F-12	1	32	94	64	0.32	-10	N	350	350	100	100	10 Hz-3 MHz
F-14	1	32	94	64	0.12	-18	N	400	400	50	500	10 Hz-500kHz
F-14-1	1	32	94	64	0.023	-33	N	400	400	25	500	10 Hz-500kHz
F-14-C	1	32	98	38	0.03	-30	N	100	50	10	100	10 Hz-2 MHz

F-14A	1	67	142	53	0.1 2	-18.5	N	400	400	50	500	10 Hz-500kHz
F-14A-1	1	67	142	53	0.0 3	-30.5	N	400	400	25	500	10 Hz-500kHz
F-16	1	32	94	64	4	12	N	400	400	50	300	10 Hz-70 MHz
F-16-1	1	32	94	64	0.5	-6	N	400	400	3	300	10 Hz-70 MHz
F-16A	1	67	142	53	4	12	N	800	400	50	300	10 Hz-70 MHz
F-16A-1	1	67	142	53	0.5	-6	N	800	400	3	300	10 Hz-70 MHz
F-16M	1	32	98	38	0.5	-6	N	100	100	2	50	100Hz-50 MHz
F-33-1	1	32	71	19	5	14	BNC*	100	100	10	50	10 kHz-250 MHz
F-33-2	1	32	71	19	1	0	BNC*	100	100	2	50	1 kHz-250 MHz
F-33-3	1	32	71	19	4	12	BNC*	100	100	10	50	1 kHz-200 MHz
F-33-4	?	?	?	?	1	0	BNC*	100	100	2	50	1 kHz-100 MHz
F-33-5	3A	20	51	13	1.3	2.3	SMA	25	25	10	50	10 kHz-140 MHz
F-33-6	1	3	19	19	0.8	-2	SMA	5	5	1	10	1 kHz-200 MHz
F-35	1	32	98	38	1	0	N	350	200	3	100	100 Hz-100 MHz
F-35A	1	32	98	38	1	0	N	350	200	3	100	100 Hz-100 MHz
F-35A-FW	?	32	71	19	1	0	BNC*	350	400	2	100	10 Hz-50 MHz
F-35-1	1	32	98	38	0.1 5	-16.5	N	350	100	6	500	10 kHz-100 MHz
F-40	1	32	98	38	1	0	N	350	350	100	200	100 Hz-20 MHz

F-40-5	1	67	153	10 2	0.1	-20	N	1000	100 0	100	5000	10 Hz-50 MHz
F-42	1	32	98	38	6	15.5	N	350	350	50	100	1 kHz-100 MHz
F-43	1	32	98	38	12	4	N	100	100	50	100	100 Hz-100 MHz
F-50	1	32	71	19	9	19	BNC*	300	300	20	50	100 kHz-500 MHz
F-51	1	32	98	38	10	20	N	350	350	50	100	100 kHz-500 MHz
F-52	1	40	117	38	10	20	N	350	350	50	100	100 kHz-500 MHz
F-55	1	32	98	38	1	0	N	350	350	3	100	100 kHz-500 MHz
F-55A	1	32	98	38	0.1	-20	N	350	350	10	100	1 kHz-500 MHz
F-61	1	32	71	19	16	24	BNC*	200	200	20	50	1 MHz-1 GHz
F-62	1	32	71	19	13	22	BNC*	200	200	20	50	10 MHz-1 GHz
F-65	1	32	98	38	1	0	N	350	350	3	100	100 kHz-1 GHz
F-65A	1	32	98	38	0.1	-20	N	350	350	10	100	10 kHz-1 GHz
F-70	1	70	125	38	1	0	N	200	350	3	100	1 kHz-100 MHz
F-71	1	70	125	38	8	18	N	200	200	25	50	10 kHz-500 MHz
F-72	1	67	142	53	5	14	N	350	350	100	100	100 Hz-100 MHz
F-72-1	1	67	142	53	0.1 5	-16	N	350	150	12	500	100 Hz-100 MHz
F-72-2	1	67	142	53	0.0 05	-46	N	200	70	60	5000	100 Hz-100 MHz

F-73	1	67	142	53	2	6	N	350	350	200	200	10 Hz-30 MHz
F-75	1	70	125	38	1	0	N	350	350	3	100	10 kHz-500 MHz
F-80	1	127	197	41	5	14	N	350	350	100	100	1 kHz-100 MHz
F-80-1	1	127	197	41	1	0	N	350	350	2	100	1 kHz-100 MHz
F-81	1	127	197	41	1	0	N	350	350	100	100	100 Hz-10 MHz
F-2000	1	13	37	17	16	24	SMA	100	100	10	50	10 MHz-3 GHz

Dimensions										Maximum Primary Current (A)				
Model No.	Outside Drawing No.	A	B	C	D	E	Zt W <sup>1</sup>	dB W <sup>1</sup>	Connector	DC-60 Hz	400Hz	RF(CW)	Pulse <sup>2</sup>	Frequency Range
F-32-9B	4	6	152	46	28	121	3.2	10	SMA	100	100	10	100	100 kHz-300Mhz



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