

# Split EMI Suppression Cores (CF Series)

## Description :

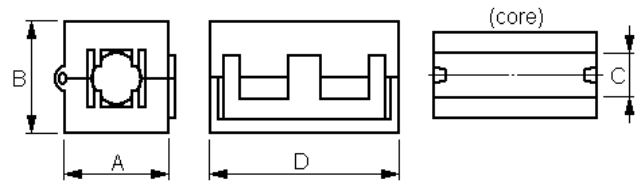
Split EMI Suppression Core (CF Series) consists with a nylon plastic case and two half ferrite cores. It can be clamped on cable easily so don't need cut the existing cable firstly and can be removed from cable without damage. Due to this feature, Split EMI Suppression Core (CF Series) can be installed after assembly products to suppress high frequency noise from cables and save the time before marketing.



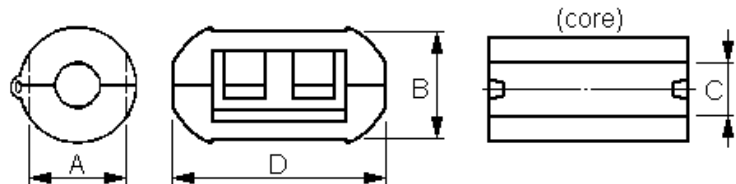
**RoHS 2.0**  
2011/65/EU

## Applications :

- Suppress high frequency noise from cables to compliance with FCC, VDE and VCCI.
- Suitable for various power / signal cables inside or outside the equipments.
- Widespread use for electric equipments like NB, PC, monitor, printer, digital camera, power supply, DVD player, fax machine, medical equipment, internet wire, and etc.

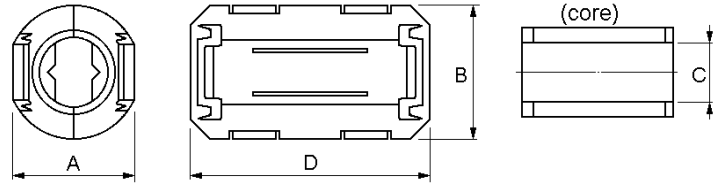


Part Number	A (mm)	B (mm)	C (mm)	D (mm)	Typical Impedance (ohm)		Z-F Fig.
					25MHz	100MHz	
CF-65SN	17.8	19.5	6.5	32.5	140	240	1
CF-100SN	22.3	23.3	10.0	32.6	120	190	1
CF-130SN	29.6	30.5	13.0	33.0	125	240	1
CF-200SN	29.2	29.4	19.4	42.0	105	200	1

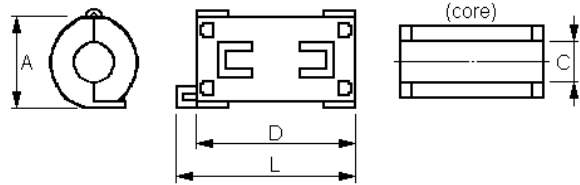


Part Number	A (mm)	B (mm)	C (mm)	D (mm)	Typical Impedance (ohm)		Z-F Fig.
					25MHz	100MHz	
CF-50RN	14.5	15.7	5.6	29.0	70	145	2
CF-75RN	18.9	20.7	7.0	39.1	120	195	2
CF-93RN	20.0	23.5	9.3	43.0	125	255	2

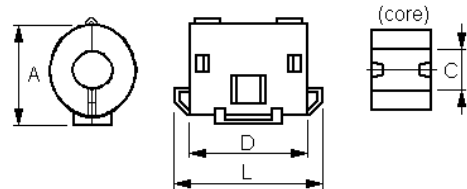
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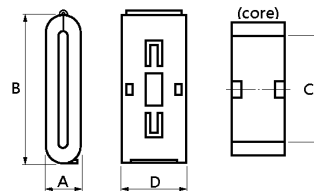
Part Number	A (mm)	B (mm)	C (mm)	D (mm)	Typical Impedance (ohm)		Z-F Fig.
					25MHz	100MHz	
CF-35MN	11.7	13.0	3.5	25.0	120	165	3
CF-50MN	11.7	13.0	5.0	25.0	70	145	3
CF-90MN	18.0	19.7	9.0	35.0	90	160	3



Part Number	A (mm)	C (mm)	D (mm)	L (mm)	Typical Impedance (ohm)		Z-F Fig.
					25MHz	100MHz	
CF-110AN	20.1	11.1	32.0	36.1	70	115	4
CF-130AN	29.5	13.0	34.0	39.2	105	180	4
CF-130ALF	29.5	13.0	34.0	39.2	160	190	4

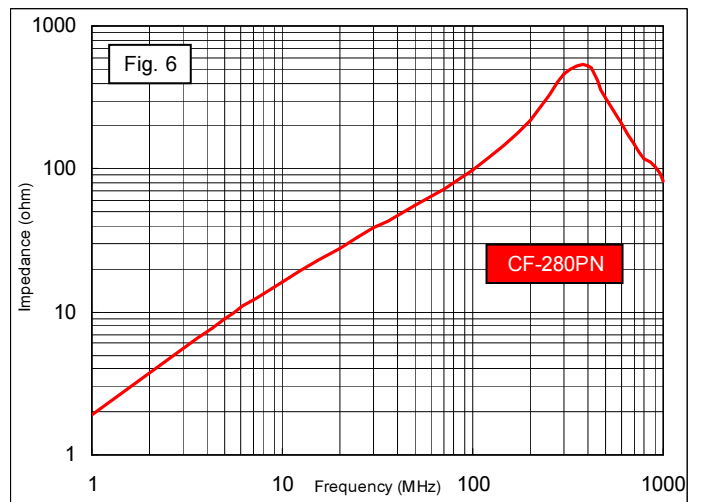
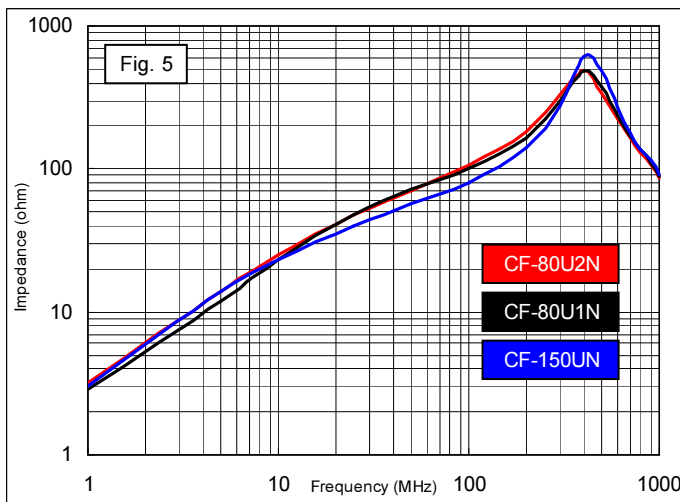
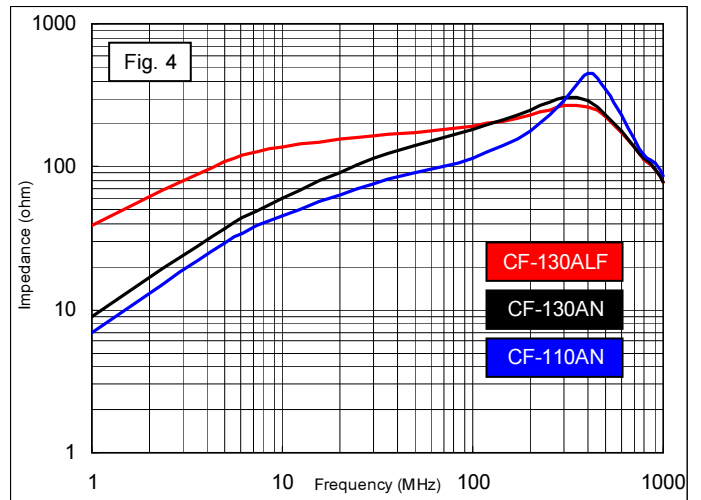
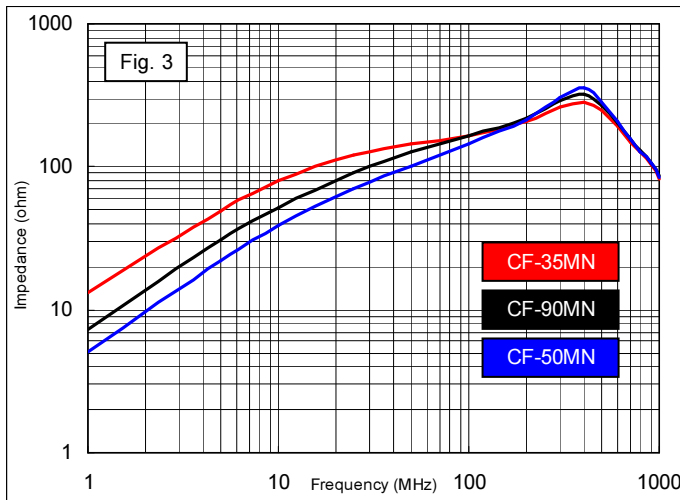
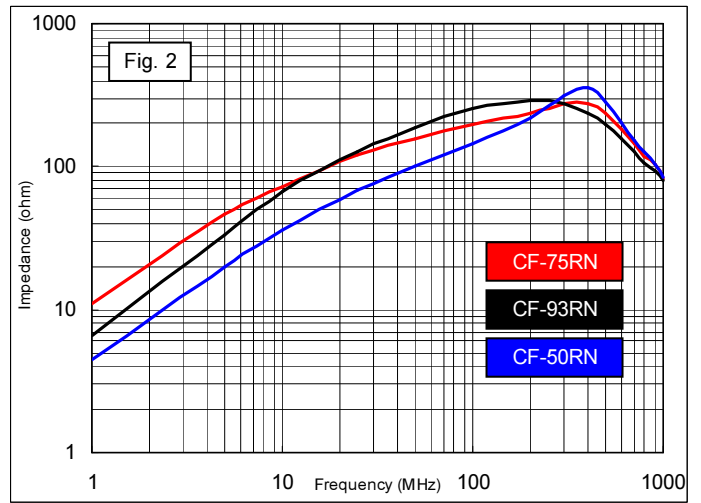
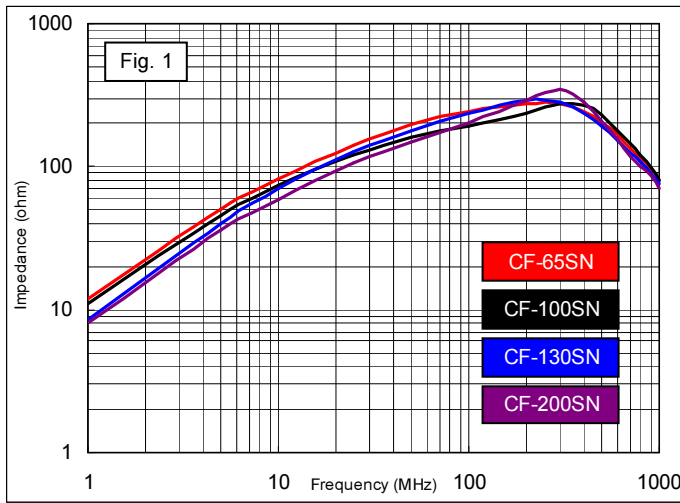


Part Number	A (mm)	C (mm)	D (mm)	L (mm)	Typical Impedance (ohm)		Z-F Fig.
					25MHz	100MHz	
CF-80U1N	21.5	8.15	16.8	23.0	45	100	5
CF-80U2N	21.5	8.15	19.7	25.8	50	105	5
CF-150UN	31.5	15.0	15.2	21.5	40	80	5



Part Number	A (mm)	B (mm)	C (mm)	D (mm)	Typical Impedance (ohm)		Z-F Fig.
					25MHz	100MHz	
CF-280PN	9.4	36.0	28.0	14.8	30	95	6

# Split EMI Suppression Cores (CF Series)



Note : 1. Above test condition is a diameter 1.0mm with 10cm length wire through the core to compare the impedance for reference.  
 2. For actually application, the wire length and diameter is different and impedance reading will not the same.