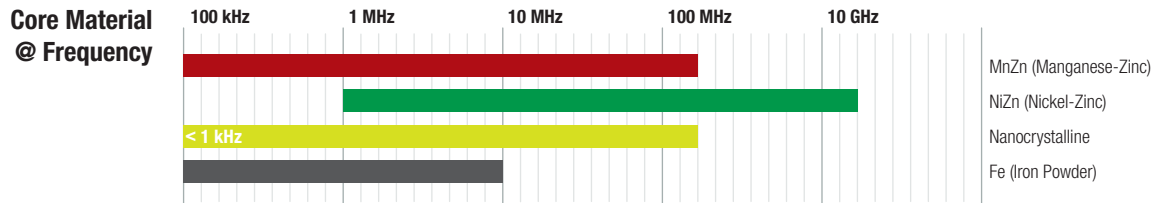


Common Mode Chokes for Mains Power Lines



Single Phase Common Mode Chokes (2 Windings)

	Core Material	Type	Part Number	Current (A)				Inductance (mH)				Dimensions (mm)	R _{DC} (Ω)	V _F (V _{AC})		
				100 mA	1 A	10 A	100 A	100 μH	1 mH	10 mH	100 mH					
THT	MnZn	Through Hole	WE-CMB	0.3 – 35 A	0.5 – 39 mH								15 x 7.5 x 18 mm 47 x 23.5 x 43 mm	0.0023 – 3 Ω	250 V _{AC}	
			WE-CMBH	2 – 10 A	1 – 20 mH									32.5 x 28 x 22 mm	0.0125 – 0.230 Ω	250 V _{AC}
			WE-CMB HC	5 – 10 A	0.175 – 0.7 mH									18.5 x 14.5 x 22 mm	0.004 – 0.044 Ω	250 V _{AC}
			WE-CMB HV	6.8 – 21.5 A	0.7 – 4.7 mH									39.5 x 23 x 39.5 mm 46.5 x 28 x 44.5 mm	0.0038 – 0.044 Ω	760 V _{AC}
			WE-FC	0.4 – 2.65 A	1.1 – 43 mH									21.3 x 16.6 x 22.5 mm 21.3 x 21.3 x 17.8 mm	0.08 – 2.88 Ω	250 V _{AC}
			WE-FCL	1.25 – 5.0 A	3.9 – 100 mH									37 x 26 x 45 mm	0.050 – 0.9 Ω	250 V _{AC}
			WE-TFC	0.25 – 1.0 A	1.8 – 25 mH									17 x 15.5 x 12.5 mm 17 x 11.5 x 17 mm	0.31 – 3.6 Ω	300 V _{AC}
			WE-LPCC	9.5 – 23.5 A	120 – 450 μH									25 x 27.5 x 9.7 mm 25 x 27.5 x 11.7 mm	0.0014 – 0.0096 Ω	250 V _{AC}
			WE-LF	0.3 – 6 A	0.4 – 50 mH									18 x 18 x 13 mm 33.5 x 33.5 x 20 mm	0.02 – 2.6 Ω	250 V _{AC}
			SMT		Surface Mount	WE-LF SMD	0.4 – 5.25 A	0.7 – 47 mH							23.3 x 18.5 x 11.5 mm	0.03 – 2.6 Ω
THT	Nano-crystalline	Through Hole	WE-CMBNC	0.9 – 38 A	0.4 – 190 mH							14 x 7.5 x 16 mm 48 x 27 x 46 mm	0.0011 – 1 Ω	250 V _{AC}		
			WE-CMB NiZn	1.5 – 10 A	14 – 110 μH								16 x 7.5 x 17.5 mm 18.5 x 14.5 x 22 mm	0.0027 – 0.08 Ω	250 V _{AC}	
			WE-ExB	4.5 – 15 A	< 47 – 1000 μH								28 x 18.5 x 33 mm	0.0046 – 0.042 Ω	250 V _{AC}	

Filter Applications: EMI Suppression

Three Phases Common Mode Chokes (3 Windings)

		I_R 100 mA	1 A	10 A	100 A	
		L 100 μ H	1 mH	10 mH	100 mH	
THT	MnZn WE-TPB		0.52 – 12 mH	6 – 24 A		L x W x H: 47 x 47 x 39 mm R_{DC} : 0.003 – 0.065 Ω V_R : 500 V_{AC}
	Nano-crystalline WE-TPB HV		0.2 – 208 mH	7.2 – 46 A		L x W x H: 70 x 70 x 39 mm R_{DC} : 0.0016 – 0.085 Ω V_R : 760 V_{AC}

Differential Mode Chokes (1 Winding)

		I_R 100 mA	1 A	10 A	100 A	
		L 100 nH	1 μ H	10 μ H	100 μ H	
THT	NiZn WE-SD		2 – 10 μ H	2.5 – 15 A		L x W x H Min: 12.3 x 3.2 x 3.2 mm L x W x H Max: 30.8 x 16 x 16 mm R_{DC} : 0.0017 – 0.033 Ω
	Fe WE-FI		8.2 – 860 μ H	0.9 – 9 A		L x W x H Min: 9.5 x 6 x 15 mm L x W x H Max: 28.5 x 15 x 28.5 mm R_{DC} : 0.01 – 0.45 Ω
SMT	NiZn WE-MI	< <	0.047 – 33 μ H	3 – 300 mA		Size: 0603 – 1206 R_{DC} : 0.15 – 2.1 Ω

Line Filter

		I_R 100 mA	1 A	10 A	100 A	
		L 100 μ H	1 mH	10 mH	100 mH	
Chassis mount	WE-CLFS Line Filter		1 – 20 mH	1.5 – 20 A		L x W x H Min: 64 x 35 x 29 mm L x W x H Max: 114.9 x 58.5 x 45 mm R_{DC} : 0.01 – 0.300 Ω V_R : 250 V_{AC}