



NDC-Nanocrystalline

NDC-Nanocrystalline features anti electromagnetic interference, high magnetic permeability, low loss and very stable temperature characteristics, suitable for common mode filtering products with requirements for resisting DC components and transformer iron cores with high stability and low loss.



X-MAG's capabilities cover magnetic engineering & simulation, automated sustainable manufacturing, comprehensive quality assurance, and advanced magnet R&D.

Dimension & Performance

Part No	Core dimensions (mm)			Finished dimensions (mm)			Ae (cm ²)	Le (cm)	Weight (g)	AL (μH) Typical	
	ID	OD	H	ID	OD	H				10KHz	100KHz
NDC – 02006M	20	12	10	22.8	10.1	12.3	31.2	50.2	11.4	27.5	22
NDC – 02508M	25	16	10	27.6	14	12	35.1	64.4	16.5	24.5	19.2
NDC – 02602M	26	16	10	28.3	14	12.9	39	65.9	18.7	26	20.8
NDC – 03006M	30	20	10	33.1	18.2	13.2	39	78.5	22.3	21.8	17.5
NDC – 03008M	30	20	15	33.6	18	17.7	58.5	78.5	33.5	32.8	26.3
NDC – 03204M	32	20	10	34.5	17.4	12.9	46.8	81.6	27.9	25.3	20.2
NDC – 03206M	32	20	15	34.6	18.1	17.8	70.2	81.6	41.8	38	30.3
NDC – 04006M	40	25	15	43.6	21.8	18.4	87.7	102.1	65.4	38	30.3
NDC – 05002M	50	32	15	53.6	29.1	18.1	105.3	128.8	99	36.7	28.8
NDC – 06402M	64	40	20	68	37	24.5	187.2	163.3	223.2	50.5	40.4