

NVENT ERICO ERICORE TERMINATED CONDUCTOR



FEATURES

Low-inductance, low-impedance cable designed to minimize voltage build-up due to lightning impulses

Multiple insulated layers of conductor reduce the potential of side flashing

Upper termination provides an insulated connection from terminal to nVent ERICO Ericore to properly transition the lightning strike

Requires lower termination kit

SPECIFICATIONS

Catalog Number	Length (L)	Impedance	Upper Termination Voltage Withstand	Resistance (Rimp)	Resistance (Rdc)	Inductance	Diameter (Ø)	Cross Section	Capacitance	Unit Weight
ERICORE001T	1 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	6.435 lb
ERICORE003T	3 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	11.635 lb
ERICORE005T	5 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	16.835 lb
ERICORE006T	6 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	19.435 lb
ERICORE007T	7 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"	50 mm ²	0.75 nF	22.035 lb
ERICORE008T	8 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	24.635 lb
ERICORE009T	9 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	27.235 lb
ERICORE010T	10 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	29.835 lb
ERICORE011T	11 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	32.435 lb
ERICORE012T	12 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	35.035 lb

Catalog Number	Length(L)	Impedance	Upper Termination Voltage Withstand	Resistance (Rimp)	Resistance (Rdc)	Inductance	Diameter (Ø)	Cross Section	Capacitance	Unit Weight
ERICORE013T	13 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	37.635 lb
ERICORE014T	14 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	40.235 lb
ERICORE015T	15 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	42.835 lb
ERICORE016T	16 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	45.435 lb
ERICORE017T	17 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	48.035 lb
ERICORE018T	18 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	50.635 lb
ERICORE019T	19 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	53.235 lb
ERICORE020T	20 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	55.835 lb
ERICORE021T	21 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	58.435 lb
ERICORE022T	22 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	61.035 lb
ERICORE023T	23 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	63.635 lb
ERICORE024T	24 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	66.235 lb
ERICORE025T	25 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	68.835 lb
ERICORE026T	26 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	71.435 lb
ERICORE028T	28 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	76.635 lb
ERICORE029T	29 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	79.235 lb
ERICORE030T	30 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	81.835 lb
ERICORE031T	31 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	84.435 lb
ERICORE032T	32 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	87.035 lb
ERICORE033T	33 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	89.635 lb
ERICORE034T	34 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	92.235 lb
ERICORE035T	35 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	94.835 lb
ERICORE036T	36 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	97.435 lb

Catalog Number	Length(L)	Impedance	Upper Termination Voltage Withstand	Resistance (Rimp)	Resistance (Rdc)	Inductance	Diameter (Ø)	Cross Section	Capacitance	Unit Weight
ERICORE037T	37 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	100.035 lb
ERICORE038T	38 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	102.635 lb
ERICORE039T	39 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	105.235 lb
ERICORE040T	40 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	107.835 lb
ERICORE041T	41 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	110.435 lb
ERICORE042T	42 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	113.035 lb
ERICORE043T	43 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	115.635 lb
ERICORE044T	44 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	118.235 lb
ERICORE045T	45 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	120.835 lb
ERICORE046T	46 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	123.435 lb
ERICORE047T	47 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	126.035 lb
ERICORE048T	48 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	128.635 lb
ERICORE049T	49 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	131.235 lb
ERICORE050T	50 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	133.835 lb
ERICORE051T	51 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	136.435 lb
ERICORE052T	52 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	139.035 lb
ERICORE053T	53 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	141.635 lb
ERICORE054T	54 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	144.235 lb
ERICORE055T	55 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	146.835 lb
ERICORE056T	56 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	149.435 lb
ERICORE057T	57 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	152.035 lb
ERICORE058T	58 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	154.635 lb
ERICORE060T	60 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	159.835 lb

Catalog Number	Length(L)	Impedance	Upper Termination Voltage Withstand	Resistance (Rimp)	Resistance (Rdc)	Inductance	Diameter (Ø)	Cross Section	Capacitance	Unit Weight
ERICORE061T	61 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	162.435 lb
ERICORE064T	64 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	170.235 lb
ERICORE065T	65 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	172.835 lb
ERICORE066T	66 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	175.435 lb
ERICORE067T	67 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	178.035 lb
ERICORE068T	68 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	180.635 lb
ERICORE069T	69 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	183.235 lb
ERICORE070T	70 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	185.835 lb
ERICORE071T	71 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	188.435 lb
ERICORE072T	72 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	191.035 lb
ERICORE075T	75 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	198.835 lb
ERICORE076T	76 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	201.435 lb
ERICORE077T	77 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	204.035 lb
ERICORE078T	78 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	206.635 lb
ERICORE080T	80 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	211.835 lb
ERICORE081T	81 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	214.435 lb
ERICORE082T	82 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	217.035 lb
ERICORE083T	83 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	219.635 lb
ERICORE085T	85 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	224.835 lb
ERICORE086T	86 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	227.435 lb
ERICORE087T	87 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	230.035 lb
ERICORE088T	88 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	232.635 lb
ERICORE090T	90 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	237.835 lb

Catalog Number	Length(L)	Impedance	Upper Termination Voltage Withstand	Resistance (Rimp)	Resistance (Rdc)	Inductance	Diameter (Ø)	Cross Section	Capacitance	Unit Weight
ERICORE091T	91 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	240.435 lb
ERICORE092T	92 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	243.035 lb
ERICORE095T	95 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	250.835 lb
ERICORE097T	97 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	256.035 lb
ERICORE098T	98 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	258.635 lb
ERICORE100T	100 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	263.835 lb
ERICORE101T	101 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	266.435 lb
ERICORE102T	102 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	269.035 lb
ERICORE104T	104 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	274.235 lb
ERICORE105T	105 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	276.835 lb
ERICORE106T	106 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	279.435 lb
ERICORE107T	107 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	282.035 lb
ERICORE110T	110 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	289.835 lb
ERICORE112T	112 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	295.035 lb
ERICORE115T	115 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	302.835 lb
ERICORE120T	120 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	315.835 lb
ERICORE122T	122 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	321.035 lb
ERICORE125T	125 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	328.835 lb
ERICORE136T	136 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	357.435 lb
ERICORE150T	150 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	393.835 lb
ERICORE155T	155 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	406.835 lb
ERICORE168T	168 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	440.635 lb
ERICORE200T	200 m	12 Ω Max	250 kV	6 mΩ/m	0.500 mΩ/m	37 nH	1.420"		0.75 nF	523.835 lb

ADDITIONAL PRODUCT DETAILS

Additional lengths available in 1 m (3.28') increments.

Consult nVent ERICO technical support or the installation manual for guidance on maximum allowable lengths.

Inductance and Capacitance are per meter.

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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