

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

Table 1/2

Catalog Number	Length (L)	Capacitance	Cross Section	Diameter (Ø)
ERICORE001T	1m	0.75 nF		36 mm
ERICORE003T	3m	0.75 nF		36 mm
ERICORE005T	5m	0.75 nF		36 mm
ERICORE006T	6m	0.75 nF		36 mm
ERICORE007T	7m	0.75 nF	50mm ²	36 mm
ERICORE008T	8m	0.75 nF		36 mm

Catalog Number	Length (L)	Capacitance	Cross Section	Diameter (Ø)
ERICORE009T	9m	0.75 nF		36 mm
ERICORE010T	10m	0.75 nF		36 mm
ERICORE011T	11m	0.75 nF		36 mm
ERICORE012T	12m	0.75 nF		36 mm
ERICORE013T	13m	0.75 nF		36 mm
ERICORE014T	14m	0.75 nF		36 mm
ERICORE015T	15m	0.75 nF		36 mm
ERICORE016T	16m	0.75 nF		36 mm
ERICORE017T	17m	0.75 nF		36 mm
ERICORE018T	18m	0.75 nF		36 mm
ERICORE019T	19m	0.75 nF		36 mm
ERICORE020T	20m	0.75 nF		36 mm
ERICORE021T	21m	0.75 nF		36 mm
ERICORE022T	22m	0.75 nF		36 mm
ERICORE023T	23m	0.75 nF		36 mm
ERICORE024T	24m	0.75 nF		36 mm
ERICORE025T	25m	0.75 nF		36 mm
ERICORE026T	26m	0.75 nF		36 mm

Catalog Number	Length (L)	Capacitance	Cross Section	Diameter (Ø)
ERICORE028T	28m	0.75 nF		36 mm
ERICORE029T	29m	0.75 nF		36 mm
ERICORE030T	30m	0.75 nF		36 mm
ERICORE031T	31m	0.75 nF		36 mm
ERICORE032T	32m	0.75 nF		36 mm
ERICORE033T	33m	0.75 nF		36 mm
ERICORE034T	34m	0.75 nF		36 mm
ERICORE035T	35m	0.75 nF		36 mm
ERICORE036T	36m	0.75 nF		36 mm
ERICORE037T	37m	0.75 nF		36 mm
ERICORE038T	38m	0.75 nF		36 mm
ERICORE039T	39m	0.75 nF		36 mm
ERICORE040T	40m	0.75 nF		36 mm
ERICORE041T	41m	0.75 nF		36 mm
ERICORE042T	42m	0.75 nF		36 mm
ERICORE043T	43m	0.75 nF		36 mm
ERICORE044T	44m	0.75 nF		36 mm
ERICORE045T	45m	0.75 nF		36 mm

Catalog Number	Length (L)	Capacitance	Cross Section	Diameter (Ø)
ERICORE046T	46m	0.75 nF		36 mm
ERICORE047T	47m	0.75 nF		36 mm
ERICORE048T	48m	0.75 nF		36 mm
ERICORE049T	49m	0.75 nF		36 mm
ERICORE050T	50m	0.75 nF		36 mm
ERICORE051T	51m	0.75 nF		36 mm
ERICORE052T	52m	0.75 nF		36 mm
ERICORE053T	53m	0.75 nF		36 mm
ERICORE054T	54m	0.75 nF		36 mm
ERICORE055T	55m	0.75 nF		36 mm
ERICORE056T	56m	0.75 nF		36 mm
ERICORE057T	57m	0.75 nF		36 mm
ERICORE058T	58m	0.75 nF		36 mm
ERICORE060T	60m	0.75 nF		36 mm
ERICORE061T	61m	0.75 nF		36 mm
ERICORE064T	64m	0.75 nF		36 mm
ERICORE065T	65m	0.75 nF		36 mm
ERICORE066T	66m	0.75 nF		36 mm

Catalog Number	Length (L)	Capacitance	Cross Section	Diameter (Ø)
ERICORE067T	67m	0.75 nF		36 mm
ERICORE068T	68m	0.75 nF		36 mm
ERICORE069T	69m	0.75 nF		36 mm
ERICORE070T	70m	0.75 nF		36 mm
ERICORE071T	71m	0.75 nF		36 mm
ERICORE072T	72m	0.75 nF		36 mm
ERICORE075T	75m	0.75 nF		36 mm
ERICORE076T	76m	0.75 nF		36 mm
ERICORE077T	77m	0.75 nF		36 mm
ERICORE078T	78m	0.75 nF		36 mm
ERICORE080T	80m	0.75 nF		36 mm
ERICORE081T	81m	0.75 nF		36 mm
ERICORE082T	82m	0.75 nF		36 mm
ERICORE083T	83m	0.75 nF		36 mm
ERICORE085T	85m	0.75 nF		36 mm
ERICORE086T	86m	0.75 nF		36 mm
ERICORE087T	87m	0.75 nF		36 mm
ERICORE088T	88m	0.75 nF		36 mm

Catalog Number	Length (L)	Capacitance	Cross Section	Diameter (Ø)
ERICORE090T	90m	0.75 nF		36 mm
ERICORE091T	91m	0.75 nF		36 mm
ERICORE092T	92m	0.75 nF		36 mm
ERICORE095T	95m	0.75 nF		36 mm
ERICORE097T	97m	0.75 nF		36 mm
ERICORE098T	98m	0.75 nF		36 mm
ERICORE100T	100m	0.75 nF		36 mm
ERICORE101T	101m	0.75 nF		36 mm
ERICORE102T	102m	0.75 nF		36 mm
ERICORE104T	104m	0.75 nF		36 mm
ERICORE105T	105m	0.75 nF		36 mm
ERICORE106T	106m	0.75 nF		36 mm
ERICORE107T	107m	0.75 nF		36 mm
ERICORE110T	110m	0.75 nF		36 mm
ERICORE112T	112m	0.75 nF		36 mm
ERICORE115T	115m	0.75 nF		36 mm
ERICORE120T	120m	0.75 nF		36 mm
ERICORE122T	122m	0.75 nF		36 mm

Catalog Number	Length (L)	Capacitance	Cross Section	Diameter (Ø)
ERICORE125T	125m	0.75 nF		36 mm
ERICORE136T	136m	0.75 nF		36 mm
ERICORE150T	150m	0.75 nF		36 mm
ERICORE155T	155m	0.75 nF		36 mm
ERICORE168T	168m	0.75 nF		36 mm
ERICORE200T	200m	0.75 nF		36 mm

Table 2/2

Catalog Number	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE001T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	2.92 kg
ERICORE003T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	5.28 kg
ERICORE005T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	7.64 kg
ERICORE006T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	8.82 kg
ERICORE007T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	10 kg
ERICORE008T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	11.18 kg
ERICORE009T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	12.36 kg
ERICORE010T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	13.54 kg
ERICORE011T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	14.72 kg
ERICORE012T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	15.9 kg

CatalogNumber	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE013T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	17.08 kg
ERICORE014T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	18.26 kg
ERICORE015T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	19.44 kg
ERICORE016T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	20.62 kg
ERICORE017T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	21.8 kg
ERICORE018T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	22.98 kg
ERICORE019T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	24.16 kg
ERICORE020T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	25.34 kg
ERICORE021T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	26.52 kg
ERICORE022T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	27.7 kg
ERICORE023T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	28.88 kg
ERICORE024T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	30.06 kg
ERICORE025T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	31.24 kg
ERICORE026T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	32.42 kg
ERICORE028T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	34.78 kg
ERICORE029T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	35.96 kg
ERICORE030T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	37.14 kg

CatalogNumber	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE031T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	38.32 kg
ERICORE032T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	39.5 kg
ERICORE033T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	40.68 kg
ERICORE034T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	41.86 kg
ERICORE035T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	43.04 kg
ERICORE036T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	44.22 kg
ERICORE037T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	45.4 kg
ERICORE038T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	46.58 kg
ERICORE039T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	47.76 kg
ERICORE040T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	48.94 kg
ERICORE041T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	50.12 kg
ERICORE042T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	51.3 kg
ERICORE043T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	52.48 kg
ERICORE044T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	53.66 kg
ERICORE045T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	54.84 kg
ERICORE046T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	56.02 kg
ERICORE047T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	57.2 kg

CatalogNumber	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE048T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	58.38 kg
ERICORE049T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	59.56 kg
ERICORE050T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	60.74 kg
ERICORE051T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	61.92 kg
ERICORE052T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	63.1 kg
ERICORE053T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	64.28 kg
ERICORE054T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	65.46 kg
ERICORE055T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	66.64 kg
ERICORE056T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	67.82 kg
ERICORE057T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	69 kg
ERICORE058T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	70.18 kg
ERICORE060T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	72.54 kg
ERICORE061T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	73.72 kg
ERICORE064T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	77.26 kg
ERICORE065T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	78.44 kg
ERICORE066T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	79.62 kg
ERICORE067T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	80.8 kg

CatalogNumber	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE068T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	81.98 kg
ERICORE069T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	83.16 kg
ERICORE070T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	84.34 kg
ERICORE071T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	85.52 kg
ERICORE072T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	86.7 kg
ERICORE075T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	90.24 kg
ERICORE076T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	91.42 kg
ERICORE077T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	92.6 kg
ERICORE078T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	93.78 kg
ERICORE080T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	96.14 kg
ERICORE081T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	97.32 kg
ERICORE082T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	98.5 kg
ERICORE083T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	99.68 kg
ERICORE085T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	102.04 kg
ERICORE086T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	103.22 kg
ERICORE087T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	104.4 kg
ERICORE088T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	105.58 kg

CatalogNumber	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE090T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	107.94 kg
ERICORE091T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	109.12 kg
ERICORE092T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	110.3 kg
ERICORE095T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	113.84 kg
ERICORE097T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	116.2 kg
ERICORE098T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	117.38 kg
ERICORE100T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	119.74 kg
ERICORE101T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	120.92 kg
ERICORE102T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	122.1 kg
ERICORE104T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	124.46 kg
ERICORE105T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	125.64 kg
ERICORE106T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	126.82 kg
ERICORE107T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	128 kg
ERICORE110T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	131.54 kg
ERICORE112T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	133.9 kg
ERICORE115T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	137.44 kg
ERICORE120T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	143.34 kg

CatalogNumber	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE122T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	145.7 kg
ERICORE125T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	149.24 kg
ERICORE136T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	162.22 kg
ERICORE150T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	178.74 kg
ERICORE155T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	184.64 kg
ERICORE168T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	199.98 kg
ERICORE200T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	237.74 kg

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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