

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 1/6

Catalog Number	Capacitance	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)
ERICORE001T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE003T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE005T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE006T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE007T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE008T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE009T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE010T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE011T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE012T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE013T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE014T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE015T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE016T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m

Catalog Number	Capacitance	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)
ERICORE017T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE018T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE019T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE020T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE021T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE022T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m

Table 2/6

Catalog Number	Capacitance	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)
ERICORE023T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE024T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE025T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE026T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE028T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE029T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE030T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE031T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE032T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE033T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE034T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE035T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE036T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE037T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE038T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE039T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE040T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE041T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE042T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE043T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m

Table 3/6

Catalog Number	Capacitance	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)
ERICORE044T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE045T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE046T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m

Catalog Number	Capacitance	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)
ERICORE047T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE048T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE049T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE050T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE051T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE052T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE053T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE054T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE055T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE056T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE057T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE058T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE060T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE061T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE064T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE065T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE066T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m

Table 4/6

Catalog Number	Capacitance	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)
ERICORE067T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE068T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE069T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE070T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE071T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE072T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE075T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE076T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE077T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE078T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE080T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE081T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE082T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE083T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE085T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m

Catalog Number	Capacitance	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)
ERICORE086T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE087T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE088T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE090T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE091T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m

Table 5/6

Catalog Number	Capacitance	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)
ERICORE092T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE095T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE097T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE098T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE100T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE101T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE102T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE104T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE105T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE106T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE107T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE110T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE112T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE115T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE120T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE122T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE125T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE136T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE150T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE155T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m

Table 6/6

Catalog Number	Capacitance	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)
ERICORE168T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE200T	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m

Table 1/6

Catalog Number	Upper Termination Voltage Withstand	Unit Weight
ERICORE001T	250kV	6.43 lb

Catalog Number	Upper Termination Voltage Withstand	Unit Weight
ERICORE003T	250kV	11.63 lb
ERICORE005T	250kV	16.84 lb
ERICORE006T	250kV	19.43 lb
ERICORE007T	250kV	22.04 lb
ERICORE008T	250kV	24.64 lb
ERICORE009T	250kV	27.23 lb
ERICORE010T	250kV	29.84 lb
ERICORE011T	250kV	32.44 lb
ERICORE012T	250kV	35.03 lb
ERICORE013T	250kV	37.63 lb
ERICORE014T	250kV	40.23 lb
ERICORE015T	250kV	42.84 lb
ERICORE016T	250kV	45.44 lb
ERICORE017T	250kV	48.03 lb
ERICORE018T	250kV	50.63 lb
ERICORE019T	250kV	53.23 lb
ERICORE020T	250kV	55.84 lb
ERICORE021T	250kV	58.44 lb
ERICORE022T	250kV	61.03 lb

Table 2/6

Catalog Number	Upper Termination Voltage Withstand	Unit Weight
ERICORE023T	250kV	63.63 lb
ERICORE024T	250kV	66.23 lb
ERICORE025T	250kV	68.83 lb
ERICORE026T	250kV	71.44 lb
ERICORE028T	250kV	76.64 lb
ERICORE029T	250kV	79.23 lb
ERICORE030T	250kV	81.83 lb
ERICORE031T	250kV	84.44 lb
ERICORE032T	250kV	87.03 lb
ERICORE033T	250kV	89.64 lb
ERICORE034T	250kV	92.23 lb
ERICORE035T	250kV	94.83 lb
ERICORE036T	250kV	97.44 lb

Catalog Number	Upper Termination Voltage Withstand	Unit Weight
ERICORE037T	250kV	100.03 lb
ERICORE038T	250kV	102.64 lb
ERICORE039T	250kV	105.23 lb
ERICORE040T	250kV	107.83 lb
ERICORE041T	250kV	110.44 lb
ERICORE042T	250kV	113.03 lb
ERICORE043T	250kV	115.64 lb

Table 3/6

Catalog Number	Upper Termination Voltage Withstand	Unit Weight
ERICORE044T	250kV	118.23 lb
ERICORE045T	250kV	120.83 lb
ERICORE046T	250kV	123.44 lb
ERICORE047T	250kV	126.03 lb
ERICORE048T	250kV	128.63 lb
ERICORE049T	250kV	131.24 lb
ERICORE050T	250kV	133.84 lb
ERICORE051T	250kV	136.44 lb
ERICORE052T	250kV	139.03 lb
ERICORE053T	250kV	141.63 lb
ERICORE054T	250kV	144.24 lb
ERICORE055T	250kV	146.84 lb
ERICORE056T	250kV	149.44 lb
ERICORE057T	250kV	152.03 lb
ERICORE058T	250kV	154.63 lb
ERICORE060T	250kV	159.84 lb
ERICORE061T	250kV	162.44 lb
ERICORE064T	250kV	170.24 lb
ERICORE065T	250kV	172.84 lb
ERICORE066T	250kV	175.44 lb

Table 4/6

Catalog Number	Upper Termination Voltage Withstand	Unit Weight
ERICORE067T	250kV	178.03 lb
ERICORE068T	250kV	180.63 lb

Catalog Number	Upper Termination Voltage Withstand	Unit Weight
ERICORE069T	250kV	183.24 lb
ERICORE070T	250kV	185.84 lb
ERICORE071T	250kV	188.44 lb
ERICORE072T	250kV	191.03 lb
ERICORE075T	250kV	198.84 lb
ERICORE076T	250kV	201.44 lb
ERICORE077T	250kV	204.03 lb
ERICORE078T	250kV	206.63 lb
ERICORE080T	250kV	211.84 lb
ERICORE081T	250kV	214.44 lb
ERICORE082T	250kV	217.03 lb
ERICORE083T	250kV	219.63 lb
ERICORE085T	250kV	224.84 lb
ERICORE086T	250kV	227.44 lb
ERICORE087T	250kV	230.03 lb
ERICORE088T	250kV	232.63 lb
ERICORE090T	250kV	237.84 lb
ERICORE091T	250kV	240.44 lb

Table 5/6

Catalog Number	Upper Termination Voltage Withstand	Unit Weight
ERICORE092T	250kV	243.03 lb
ERICORE095T	250kV	250.84 lb
ERICORE097T	250kV	256.04 lb
ERICORE098T	250kV	258.63 lb
ERICORE100T	250kV	263.83 lb
ERICORE101T	250kV	266.44 lb
ERICORE102T	250kV	269.04 lb
ERICORE104T	250kV	274.24 lb
ERICORE105T	250kV	276.83 lb
ERICORE106T	250kV	279.44 lb
ERICORE107T	250kV	282.04 lb
ERICORE110T	250kV	289.83 lb
ERICORE112T	250kV	295.04 lb
ERICORE115T	250kV	302.83 lb

Catalog Number	Upper Termination Voltage Withstand	Unit Weight
ERICORE120T	250kV	315.83 lb
ERICORE122T	250kV	321.04 lb
ERICORE125T	250kV	328.83 lb
ERICORE136T	250kV	357.44 lb
ERICORE150T	250kV	393.83 lb
ERICORE155T	250kV	406.83 lb

Table 6/6

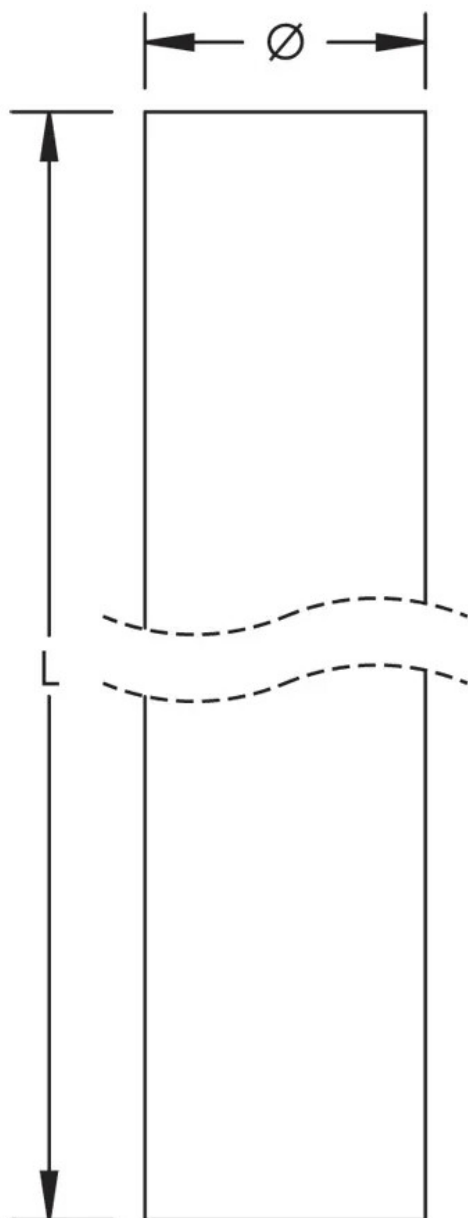
Catalog Number	Upper Termination Voltage Withstand	Unit Weight
ERICORE168T	250kV	440.63 lb
ERICORE200T	250kV	523.84 lb

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.



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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