

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	Diameter (Ø)	Impedance	Inductance
ERICORE010T	10m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE012T	12m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE015T	15m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE018T	18m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE020T	20m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE025T	25m	0.75 nF	36 mm	12 Ω Max	37nH

Catalog Number	Length (L)	Capacitance	Diameter (Ø)	Impedance	Inductance
ERICORE030T	30m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE035T	35m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE040T	40m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE045T	45m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE050T	50m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE055T	55m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE060T	60m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE065T	65m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE067T	67m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE070T	70m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE075T	75m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE080T	80m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE085T	85m	0.75 nF	36 mm	12 Ω Max	37nH
ERICORE087T	87m	0.75 nF	36 mm	12 Ω Max	37nH

Table 2/2				
Catalog Number	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE010T	0.5mΩ·m	6mΩ·m	250kV	13.54 kg
ERICORE012T	0.5mΩ·m	6mΩ·m	250kV	15.9 kg
ERICORE015T	0.5mΩ·m	6mΩ·m	250kV	19.44 kg

Catalog Number	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE018T	0.5mΩ·m	6mΩ·m	250kV	22.98 kg
ERICORE020T	0.5mΩ·m	6mΩ·m	250kV	25.34 kg
ERICORE025T	0.5mΩ·m	6mΩ·m	250kV	31.24 kg
ERICORE030T	0.5mΩ·m	6mΩ·m	250kV	37.14 kg
ERICORE035T	0.5mΩ·m	6mΩ·m	250kV	43.04 kg
ERICORE040T	0.5mΩ·m	6mΩ·m	250kV	48.94 kg
ERICORE045T	0.5mΩ·m	6mΩ·m	250kV	54.84 kg
ERICORE050T	0.5mΩ·m	6mΩ·m	250kV	60.74 kg
ERICORE055T	0.5mΩ·m	6mΩ·m	250kV	66.64 kg
ERICORE060T	0.5mΩ·m	6mΩ·m	250kV	72.54 kg
ERICORE065T	0.5mΩ·m	6mΩ·m	250kV	78.44 kg
ERICORE067T	0.5mΩ·m	6mΩ·m	250kV	80.8 kg
ERICORE070T	0.5mΩ·m	6mΩ·m	250kV	84.34 kg
ERICORE075T	0.5mΩ·m	6mΩ·m	250kV	90.24 kg
ERICORE080T	0.5mΩ·m	6mΩ·m	250kV	96.14 kg
ERICORE085T	0.5mΩ·m	6mΩ·m	250kV	102.04 kg
ERICORE087T	0.5mΩ·m	6mΩ·m	250kV	104.4 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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