

nVent ERICO Ericore Unterminated 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

Requires upper and lower termination kits

SPECIFICATIONS

Table 1/3

Catalog Number	Length (L)	Length	Length (L)	Length	Capacitance	Cross Section
ERICORE001U	1m	1 m	1m	1 m	0.75 nF	50mm ²
ERICORE003U	3m	3 m	3m	3 m	0.75 nF	50mm ²
ERICORE011U	11m	11 m	11m	11 m	0.75 nF	50mm ²
ERICORE012U	12m	12 m	12m	12 m	0.75 nF	50mm ²
ERICORE015U	15m	15 m	15m	15 m	0.75 nF	50mm ²
ERICORE018U	18m	18 m	18m	18 m	0.75 nF	50mm ²
ERICORE019U	19m	19 m	19m	19 m	0.75 nF	50mm ²
ERICORE020U	20m	20 m	20m	20 m	0.75 nF	50mm ²
ERICORE022U	22m	22 m	22m	22 m	0.75 nF	50mm ²
ERICORE025U	25m	25 m	25m	25 m	0.75 nF	50mm ²
ERICORE035U	35m	35 m	35m	35 m	0.75 nF	50mm ²
ERICORE037U	37m	37 m	37m	37 m	0.75 nF	50mm ²
ERICORE040U		40 m		40 m	0.75 nF	50mm ²
ERICORE046U		46 m		46 m	0.75 nF	50mm ²

Catalog Number	Length (L)	Length	Length (L)	Length	Capacitance	Cross Section
ERICORE047U		47 m		47 m	0.75 nF	50mm ²
ERICORE050U		50 m		50 m	0.75 nF	50mm ²
ERICORE051U		51 m		51 m	0.75 nF	50mm ²
ERICORE052U		52 m		52 m	0.75 nF	50mm ²
ERICORE055U		55 m		55 m	0.75 nF	50mm ²
ERICORE060U		60 m		60 m	0.75 nF	50mm ²

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Catalog Number	Length (L)	Length	Length (L)	Length	Capacitance	Cross Section
ERICORE070U		70 m		70 m	0.75 nF	50mm ²
ERICORE073U		73 m		73 m	0.75 nF	50mm ²
ERICORE075U		75 m		75 m	0.75 nF	50mm ²
ERICORE085U		85 m		85 m	0.75 nF	50mm ²
ERICORE095U		95 m		95 m	0.75 nF	50mm ²
ERICORE1000U	1000m	1000 m	1000m	1000 m	0.75 nF	50mm ²
ERICORE100U	100m	100 m	100m	100 m	0.75 nF	50mm ²
ERICORE107U	107m	107 m	107m	107 m	0.75 nF	50mm ²
ERICORE110U	110m	110 m	110m	110 m	0.75 nF	50mm ²
ERICORE125U	125m	125 m	125m	125 m	0.75 nF	50mm ²
ERICORE130U	130m	130 m	130m	130 m	0.75 nF	50mm ²
ERICORE138U	138m	138 m	138m	138 m	0.75 nF	50mm ²
ERICORE140U	140m	140 m	140m	140 m	0.75 nF	50mm ²
ERICORE1500U	1500m	1500 m	1500m	1500 m	0.75 nF	50mm ²
ERICORE150U	150m	150 m	150m	150 m	0.75 nF	50mm ²
ERICORE152U	152m	152 m	152m	152 m	0.75 nF	50mm ²
ERICORE160U	160m	160 m	160m	160 m	0.75 nF	50mm ²
ERICORE180U	180m	180 m	180m	180 m	0.75 nF	50mm ²
ERICORE185U	185m	185 m	185m	185 m	0.75 nF	50mm ²
ERICORE191U	191m	191 m	191m	191 m	0.75 nF	50mm ²

Table 3/3

Catalog Number	Length (L)	Length	Length (L)	Length	Capacitance	Cross Section
ERICORE200U	200m	200 m	200m	200 m	0.75 nF	50mm ²
ERICORE203U	203m	203 m	203m	203 m	0.75 nF	50mm ²
ERICORE250U	250m	250 m	250m	250 m	0.75 nF	50mm ²
ERICORE264U	264m	264 m	264m	264 m	0.75 nF	50mm ²

Catalog Number	Length (L)	Length	Length (L)	Length	Capacitance	Cross Section
ERICORE275U	275m	275 m	275m	275 m	0.75 nF	50mm ²
ERICORE285U	285m	285 m	285m	285 m	0.75 nF	50mm ²
ERICORE300U	300m	300 m	300m	300 m	0.75 nF	50mm ²
ERICORE340U	340m	340"	340m	340 mm	0.75 nF	50mm ²
ERICORE375U		375 m		375 m	0.75 nF	50mm ²
ERICORE400U		400 m		400 m	0.75 nF	50mm ²
ERICORE500U		500 m		500 m	0.75 nF	50mm ²
ERICORE600U		600 m		600 m	0.75 nF	50mm ²

Table 1/3							
Catalog Number	Cross Section	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Unit Weight
ERICORE001U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	1.18 kg
ERICORE003U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	3.54 kg
ERICORE011U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	12.98 kg
ERICORE012U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	14.16 kg
ERICORE015U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	17.7 kg
ERICORE018U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	21.24 kg
ERICORE019U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	22.42 kg
ERICORE020U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	23.6 kg
ERICORE022U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	25.96 kg
ERICORE025U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	29.5 kg
ERICORE035U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	41.3 kg
ERICORE037U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	43.66 kg
ERICORE040U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	47.2 kg
ERICORE046U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	54.28 kg
ERICORE047U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	55.46 kg
ERICORE050U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	59 kg
ERICORE051U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	60.18 kg
ERICORE052U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	61.36 kg
ERICORE055U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	64.9 kg
ERICORE060U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	70.8 kg

Table 2/3

Catalog Number	Cross Section	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Unit Weight
ERICORE070U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	82.6 kg
ERICORE073U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	86.14 kg
ERICORE075U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	88.5 kg
ERICORE085U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	100.3 kg
ERICORE095U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	112.1 kg
ERICORE1000U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	1180 kg
ERICORE100U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	118 kg
ERICORE107U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	126.26 kg
ERICORE110U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	129.8 kg
ERICORE125U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	147.5 kg
ERICORE130U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	153.4 kg
ERICORE138U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	162.84 kg
ERICORE140U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	165.2 kg
ERICORE1500U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	1770 kg
ERICORE150U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	177 kg
ERICORE152U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	179.36 kg
ERICORE160U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	188.8 kg
ERICORE180U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	212.4 kg
ERICORE185U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	218.3 kg
ERICORE191U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	225.38 kg

Table 3/3

Catalog Number	Cross Section	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Unit Weight
ERICORE200U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	236 kg
ERICORE203U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	239.54 kg
ERICORE250U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	295 kg
ERICORE264U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	311.52 kg
ERICORE275U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	324.5 kg
ERICORE285U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	336.3 kg
ERICORE300U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	354 kg
ERICORE340U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	401.2 kg
ERICORE375U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	442.5 kg
ERICORE400U	50mm ²	36 mm	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	472 kg

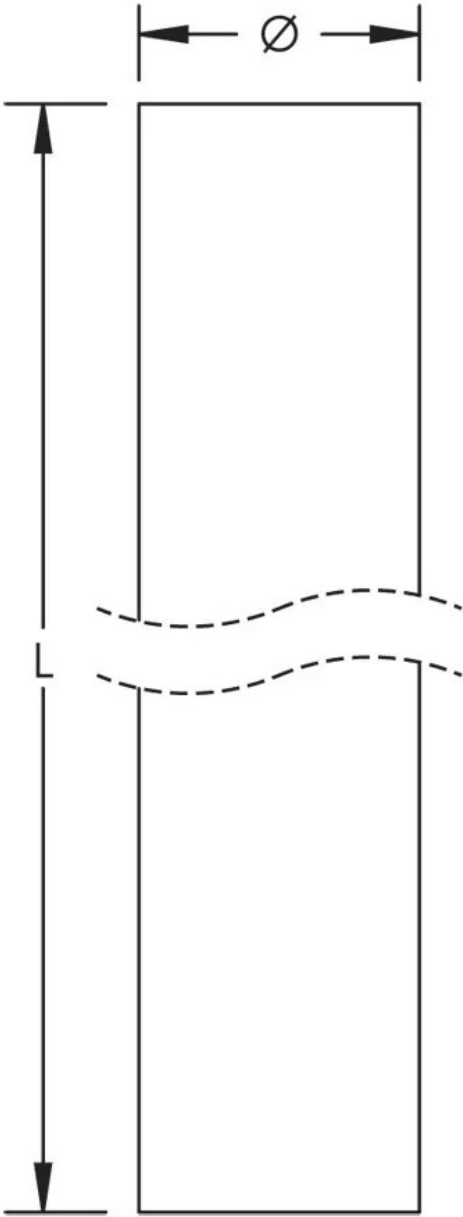
Catalog Number	Cross Section	Diameter($\varnothing$)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	UnitWeight
ERICORE500U	50mm ²	36 mm	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	590 kg
ERICORE600U	50mm ²	36 mm	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	708 kg

ADDITIONAL PRODUCT DETAILS

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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