

nVent ERICO Ericore Underminated 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 1/2

Catalog Number	Capacitance	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)
ERICORE107U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE055U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE037U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE185U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE200U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE600U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE250U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m

CatalogNumber	Capacitance	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)
ERICORE011U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE130U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE075U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE100U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE025U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE152U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE060U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE275U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE012U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE019U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE047U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE073U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE018U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE050U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE035U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE340U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE191U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE125U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m

CatalogNumber	Capacitance	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)
ERICORE264U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE110U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE015U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE375U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE150U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE070U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE085U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE095U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE140U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE400U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE022U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE052U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE001U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE203U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE040U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE020U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE160U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE180U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m

CatalogNumber	Capacitance	Diameter (Ø)	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)
ERICORE300U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE500U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE051U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE003U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE138U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE285U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE1500U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE046U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m
ERICORE1000U	0.75 nF	1.42"	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m

Table 2/2

Catalog Number	Unit Weight
ERICORE107U	278.2 lb
ERICORE055U	143 lb
ERICORE037U	96.2 lb
ERICORE185U	481 lb
ERICORE200U	520 lb
ERICORE600U	1560 lb
ERICORE250U	650 lb
ERICORE011U	28.6 lb

Catalog Number	Unit Weight
ERICORE130U	338 lb
ERICORE075U	195 lb
ERICORE100U	260 lb
ERICORE025U	65 lb
ERICORE152U	395.2 lb
ERICORE060U	156 lb
ERICORE275U	715 lb
ERICORE012U	31.2 lb
ERICORE019U	49.4 lb
ERICORE047U	122.2 lb
ERICORE073U	189.8 lb
ERICORE018U	46.8 lb
ERICORE050U	130 lb
ERICORE035U	91 lb
ERICORE340U	884 lb
ERICORE191U	496.6 lb
ERICORE125U	325 lb
ERICORE264U	686.4 lb

Catalog Number	Unit Weight
ERICORE110U	286 lb
ERICORE015U	39 lb
ERICORE375U	975 lb
ERICORE150U	390 lb
ERICORE070U	182 lb
ERICORE085U	221 lb
ERICORE095U	247 lb
ERICORE140U	364 lb
ERICORE400U	1040 lb
ERICORE022U	57.2 lb
ERICORE052U	135.2 lb
ERICORE001U	2.6 lb
ERICORE203U	527.8 lb
ERICORE040U	104 lb
ERICORE020U	52 lb
ERICORE160U	416 lb
ERICORE180U	468 lb
ERICORE300U	780 lb

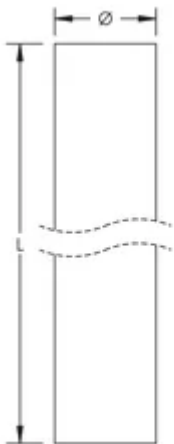
Catalog Number	Unit Weight
ERICORE500U	1300 lb
ERICORE051U	132.6 lb
ERICORE003U	7.8 lb
ERICORE138U	358.8 lb
ERICORE285U	741 lb
ERICORE1500U	3900 lb
ERICORE046U	119.6 lb
ERICORE1000U	2600 lb

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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