

nVent ERICO Ericore Insulated Conductors



nVent ERICO Ericore downconductor provides an insulated low impedance path from the air termination to the ground system so that the lightning current can be conducted to earth without the development of excessively large voltages. In order to reduce the possibility of dangerous sparking (side-flashing), the downconductor route(s) should be as direct as possible with no sharp bends or stress points where the inductance, and hence impedance, is increased under impulse conditions. The nVent ERICO Ericore downconductor evolved after extensive studies of potential voltage rise in structures due to lightning injection. This cable is comprised of carefully selected dielectric materials, which create capacitive balance and help ensure insulation integrity under high impulse conditions. The unique ability of nVent ERICO Ericore to confine a discharge current and simultaneously support electrical bonding helps ensure minimal risk to building, occupants and sensitive electronics.



nVent ERICO Ericore
Unterminated Conductor



nVent ERICO Ericore
Factory Termination



nVent ERICO Ericore
Upper Termination Kit



nVent ERICO Ericore
Lower Termination Kit



nVent ERICO Ericore Splice



nVent ERICO Ericore
Terminal Adapter

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.ericore.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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