We connect and protect

ISOnV Insulated Conductor

ISOnV insulated down conductor is a specialized lightning protection down conductor that during operation may be subjected to impulse currents of up to 200 kA. ISOnV is designed and tested to control separation distance and arcing. A semiconductive outer layer is used to minimize voltage gradients under lightning conditions.

FEATURES

Provides protection of equipment against lightning strike flashover by providing an insulated path to ground via an equivalent separation distance

Field terminated with separately ordered termination kits

SPECIFICATIONS

Impulse Current (Iimp): 200kA 10/350 µs

Material: Copper;Polyethylene

Complies With: IEC® TS 62561-8

Table 1/1

Catalog Number	Equivalent Separation Distance	Cross Section	Diameter	Installation Temperature	Working Temperature
ISONV50	50cm	35mm²	22 mm	-20 to 50 °C	-40 to 90 °C
ISONV70	70cm	35mm²	24 mm	-20 to 50 °C	-40 to 90 °C

ADDITIONAL PRODUCT DETAILS

Available in 1 m increments up to 1,000 m.

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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