

TERMINATED ISOLATION CONDUCTOR



FEATURES

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

Supplied with factory upper termination and materials for field installed lower termination

SPECIFICATIONS

Material Aluminum;Polyethylene

Catalog Number	Length(L)	Thread Size(TS)	Diameter(Ø)
ISODC03	9.800'	M16	1.035"
ISODC04	13.100'	M16	1.035"
ISODC05	16.400'	M16	1.035"
ISODC06	19.700'	M16	1.035"
ISODC07	23'	M16	1.035"
ISODC08	26.200'	M16	1.035"
ISODC10	32.800'	M16	1.035"
ISODC14	45.900'	M16	1.035"
ISODC15	49.200'	M16	1.035"
ISODC16	52 1/2'	M16	1.035"
ISODC17	55.800'	M16	1.035"
ISODC18	59.100'	M16	1.035"
ISODC20	65.600'	M16	1.035"
ISODC23	75 1/2'	M16	1.035"
ISODC25	82'	M16	1.035"
ISODC27	88.600'	M16	1.035"
ISODC30	98.400'	M16	1.035"

Catalog Number	Length(L)	Thread Size(TS)	Diameter(Ø)
ISODC35	114.800'	M16	1.035"
ISODC40	131.200'	M16	1.035"
ISODC45	147.600'	M16	1.035"
ISODC50	164'	M16	1.035"

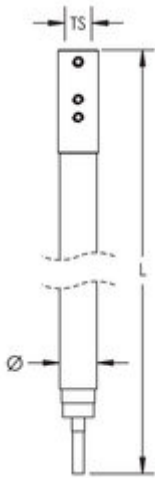
ADDITIONAL PRODUCT DETAILS

Isolated Downconductor is a specialized lightning protection downconductor, that during operation may be subjected to impulse currents of over 100kA and voltage of up to 700kV may be developed. The ISODC is designed and tested to control separation distance and arching. A semi-conductive outer layer is used to minimize voltage gradients under lightning conditions. The ISODC is available with a copper or aluminum core.

Additional lengths available in 1 m (3.28') increments up to 50 m (164').

Follow IEC® 62305-2 and IEC® 62305-3 standards when designing an isolation downconductor system and to determine maximum allowable length and offset for the isolation conductor. Contact nVent for system design assistance.

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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nVent reserves the right to change specifications without notice.