

Galvanized Theft Deterrent Cable

Power Utilities



Theft-deterrent composite cables (TDCC) are conductors that function as copper conductors, but appear to be non-copper conductors and are difficult to cut and steal. These conductors are ideal for exposed electrical distribution grounding leads where copper theft may occur. Theft deterrent conductors are difficult to cut with hand tools and the outer steel stranding is magnetic, which further deters thieves looking for copper.

Theft-deterrent cables conductors are either bare or insulated concentric stranded conductors that consist of outer galvanized steel strands that protect and conceal internal tinned copper strands.

Smaller diameter conductors such as a #4 AWG equivalent are ideal for transmission tower, distribution pole and streetlight grounding applications. Larger sizes such as the conductor equivalents to either 2/0 or 4/0 copper conductors are suitable for a wide range of grounding applications.

FEATURES

Inner copper stranding is tinned for superior corrosion resistance

Inner copper core provides increased conductivity and flexibility

More flexible and easier to work with than copper clad steel conductors

SPECIFICATIONS

Table 1/1

Catalog Number	Stranding	Fusing Capacity Equivalency	Insulation Thickness	Unit Weight
CC5A40INS	(133) Tinned Copper, (28) Galvanized Steel	95 mm ²	2.4 mm	90 kg

ADDITIONAL PRODUCT DETAILS

Weight does not include reel.

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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