

# Insulated Copper Conductor



## FEATURES

Insulated copper conductor is compacted, so the diameter is smaller than conventional insulated copper conductor

Green and yellow insulation protects the strands of the conductor

## SPECIFICATIONS

**Material:** Copper;Polyvinylchloride

Table 1/2

| Catalog Number | Article Number | Conductor Type            | Conductor Size               | Number of Wires | Wire Diameter | Cable Diameter Range |
|----------------|----------------|---------------------------|------------------------------|-----------------|---------------|----------------------|
| ICECH185C      |                | Concentric, Compacted     | 185 mm <sup>2</sup> Stranded | 37              | 2.67mm        | 15.85 mm             |
| ICECH240C      |                | Concentric, Compacted     | 240 mm <sup>2</sup> Stranded | 37              | 2.67mm        | 18.25 mm             |
| ICECH25        | 198050         | Concentric, Non-Compacted | 25 mm <sup>2</sup> Stranded  | 7               | 2.27mm        | 5.9 mm               |
| ICECH50C       |                | Concentric, Compacted     | 50 mm <sup>2</sup> Stranded  | 10              | 2.67mm        | 8.15 mm              |
| ICECH70C       |                | Concentric, Compacted     | 70 mm <sup>2</sup> Stranded  | 14              | 2.67mm        | 9.65 mm              |
| ICECH95C       |                | Concentric, Compacted     | 95 mm <sup>2</sup> Stranded  | 19              | 2.67mm        | 11.35 mm             |

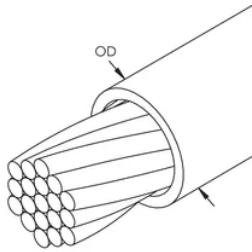
Table 2/2

| Catalog Number | Article Number | Outer Diameter (OD) | Cable Length | Insulation Thickness | Unit Weight |
|----------------|----------------|---------------------|--------------|----------------------|-------------|
| ICECH185C      |                | 19.85 mm            | 500m         | 1 mm                 | 1050 kg     |
| ICECH240C      |                | 22.65 mm            | 500m         | 1 mm                 | 1365 kg     |
| ICECH25        | 198050         | 8.3 mm              | 50m          | 1 mm                 | 13 kg       |
| ICECH50C       |                | 10.95 mm            | 50m          | 1 mm                 | 26 kg       |
| ICECH70C       |                | 12.45 mm            | 500m         | 1 mm                 | 360 kg      |
| ICECH95C       |                | 14.55 mm            | 500m         | 1 mm                 | 490 kg      |

## ADDITIONAL PRODUCT DETAILS

Outer diameter dimensions are approximate.

## 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](http://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.

⚠ WARNING: This product can expose you to chemicals including vinyl chloride, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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