

# TTCE Tubular Braid in Coil, Tinned Copper



The primary use of tubular braid is to provide sensitive cables with an EMC/EMI screen to shield them against electromagnetic, electrostatic and radio frequency interference. Optimum screening performance is obtained using copper wire braid that can also be used for earth continuity purposes.

## CERTIFICATIONS



## FEATURES

For screening connecting cables between equipment used in an electromagnetically disturbed environment

Supplied with draw wire

## SPECIFICATIONS

**Material:** Copper

**Finish:** Tinned

Table 1/2

| Catalog Number | Article Number | Nominal Current | Cross Section       | Number of Wires | Wire Diameter | Length |
|----------------|----------------|-----------------|---------------------|-----------------|---------------|--------|
| TTCE10         | 510130         | 43A             | 5.7mm <sup>2</sup>  | 320             | 0.15mm        | 50m    |
| TTCE15         | 510140         | 90A             | 12mm <sup>2</sup>   | 334             | 0.15mm        | 50m    |
| TTCE20         | 510150         | 122A            | 20.4mm <sup>2</sup> | 288             | 0.3mm         | 50m    |

| CatalogNumber | Article Number | Nominal Current | Cross Section       | Number of Wires | Wire Diameter | Length |
|---------------|----------------|-----------------|---------------------|-----------------|---------------|--------|
| TTCE25        | 510160         | 163A            | 27.1mm <sup>2</sup> | 384             | 0.3mm         | 25m    |
| TTCE3         | 510100         | 13A             | 1.7mm <sup>2</sup>  | 96              | 0.15mm        | 50m    |
| TTCE30        | 510170         | 185A            | 33.9mm <sup>2</sup> | 480             | 0.3mm         | 25m    |
| TTCE35        | 510180         | 244A            | 40.7mm <sup>2</sup> | 576             | 0.3mm         | 25m    |
| TTCE5         | 510110         | 19A             | 2.5mm <sup>2</sup>  | 144             | 0.15mm        | 50m    |
| TTCE8         | 510120         | 37A             | 4.5mm <sup>2</sup>  | 252             | 0.15mm        | 50m    |

Table 2/2

| Catalog Number | Article Number | Unit Weight |
|----------------|----------------|-------------|
| TTCE10         | 510130         | 0.05 kg     |
| TTCE15         | 510140         | 0.12 kg     |
| TTCE20         | 510150         | 0.19 kg     |
| TTCE25         | 510160         | 0.27 kg     |
| TTCE3          | 510100         | 0.02 kg     |
| TTCE30         | 510170         | 0.32 kg     |
| TTCE35         | 510180         | 0.38 kg     |
| TTCE5          | 510110         | 0.03 kg     |
| TTCE8          | 510120         | 0.05 kg     |

## ADDITIONAL PRODUCT DETAILS

Unit weight is per meter (3.28').

| Coverage Efficiency |          |          |       |          |
|---------------------|----------|----------|-------|----------|
| Part Number         | Diameter |          |       |          |
|                     | Nom      | Coverage | Max   | Coverage |
| TTCE3               | 3 mm     | 100%     | 6 mm  | 90%      |
| TTCE5               | 5 mm     | 99%      | 10 mm | 92%      |
| TTCE8               | 8 mm     | 99%      | 16 mm | 95%      |
| TTCE8HL             | 8 mm     | 99%      | 16 mm | 95%      |
| TTCE10              | 10 mm    | 100%     | 20 mm | 92%      |
| TTCE15              | 15 mm    | 100%     | 25 mm | 94%      |
| TTCE20              | 20 mm    | 99%      | 40 mm | 87%      |
| TTCE25              | 25 mm    | 99%      | 50 mm | 92%      |
| TTCE30              | 30 mm    | 100%     | 60 mm | 90%      |
| TTCE35              | 35 mm    | 100%     | 70 mm | 94%      |

## 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.

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