


**Product: [8720](#)**

Electronic, 2 C #14 Str TC, PE Ins, OS, PVC Jkt, CM

[Request Sample](#)
**Product Description**

Electronic, 2 Conductor 14AWG (19x27) Tinned Copper, PE Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

**Technical Specifications**
**Product Overview**

|                        |   |
|------------------------|---|
| Suitable Applications: | up to 600V analog signals ; up to 600V digital control ; line level audio; voice communications; panel wiring |
|------------------------|---|

**Construction Details**
**Conductor**

| Element | No. of Elements | Size   | Stranding | Material           |
|---------|-----------------|--------|-----------|--------------------|
| Pair(s) | 1               | 14 AWG | 19x27     | TC - Tinned Copper |

**Insulation**

| Element | Material          | Nom. Thickness     | Nom. Insulation Diameter | Color Code    |
|---------|-------------------|--------------------|--------------------------|---------------|
| Pair(s) | PE - Polyethylene | 0.032 in (0.81 mm) | 0.140 in (3.56 mm)       | Black & Clear |

**Outer Shield**

| Shield Type | Material                | Coverage | Drainwire Type    |
|-------------|-------------------------|----------|-------------------|
| Tape        | Bi-Laminate (Alum+Poly) | 100%     | 16 AWG (19x29) TC |

**Outer Jacket**

| Material                 | Nom. Thickness     | Nom. Diameter      |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.035 in (0.89 mm) | 0.355 in (9.02 mm) |

Overall Cable Diameter (Nominal): 0.355 in (9.02 mm)

**Electrical Characteristics**
**Electricals**

| Element               | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedance | Nom. Inductance                 | Max. Current                  |
|-----------------------|--------------------|-------------------------------|---|-------------------------------|---------------------------------|-------------------------------|
| Conductor(s)          | 2.84 Ohm/1000ft    | 24 pF/ft (79 pF/m)            | 47 pF/ft (150 pF/m)                             | 58 Ohm                        | 0.2 $\mu$ H/ft (0.66 $\mu$ H/m) | 25 Amps per Conductor at 30°C |
| Nom Outer Shield DCR: |                    | 4 Ohm/1000ft (13 Ohm/km)      |   |                               |                                 |                               |

**Voltage**

| UL Voltage Rating                     |
|---------------------------------------|
| 600 V (UL AWM 20253), 300 V (CSA AWM) |

**Mechanical Characteristics**
**Temperature**

| UL Temperature | Operating      |
|----------------|----------------|
| 80°C           | -20°C to +80°C |

**Bend Radius**

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
|                 |                   |

3.6 in (91 mm)

3.6 in (91 mm)

Max. Pull Tension: 135 lbs (61.2 kg)

Bulk Cable Weight: 64 lbs/1000ft

## Standards and Compliance

|                                  |   |
|----------------------------------|---|
| Environmental Suitability:       | Indoor  |
| Sustainability:                  | CA Prop 65  |
| Flammability / Reaction to Fire: | UL 1685 UL loading , IEC 60332-1-2  |
| CPR Compliance:                  | CPR Euroclass: Eca  |
| NEC / UL Compliance:             | Article 725, CL2  |
| AWM Compliance:                  | AWM 20253   |
| European Directive Compliance:   | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| UK Regulation Compliance:        | UKCA Mark   |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)   |

## History

Update and Revision: Revision Number: 0.665 Revision Date: 09-07-2025

## Part Numbers

### Variants

| Item #       | Color  | Putup Type | Length   | UPC/EAN       | Footnote |
|--------------|--------|------------|----------|---------------|----------|
| 8720.00305   | Chrome | Reel       | 305 m    | 8719605018533 |          |
| 8720.K0305   | Chrome | Reel       | 305 m    | 8719605018540 |          |
| 8720 060500  | Chrome | Reel       | 500 ft   | 612825214359  | C        |
| 8720 060U500 | Chrome | UnReel     | 500 ft   | 612825214328  |          |
| 8720 0601000 | Chrome | Reel       | 1,000 ft | 612825214335  | C        |
| 8720.001000  | Chrome | Reel       | 1,000 m  | 8719605126818 |          |
| 8720 0602000 | Chrome | Reel       | 2,000 ft | 612825214342  | C        |
| 8720.002000  | Chrome | Reel       | 2,000 m  | 8719605018526 |          |
| 8720 0605000 | Chrome | Reel       | 5,000 ft | 612825214366  | C        |

Footnote: C - CRATE REEL PUT-UP.

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