



**Reference:** 10553856  
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### CONTACT

Market information  
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UL-listed tray cables (TC-ER) cables for fixed installation outside and inside cable tray and wind turbines, PVC jacket, shielded, oil resistant, flame retardant, TC-ER and MTW approved, UL Listed. suitable for American and Canadian market

### STANDARDS

**Product** UL 1277; UL 2277; UL and CSA approval

Cables designed for static application, .

#### Applications:

- cable tray in factories in industry
- Industrial sector
- wind turbine application

#### Approvals:

- UL MTW UL1063
- UL TC-ER 90°C 600V UL1277
- UL WTTC 90°C 1000V UL2277
- UL DP-1
- UL AWM 600V
- C(UL) CIC/TC

## CHARACTERISTICS

### Construction characteristics

|                    |                                   |
|--------------------|-----------------------------------|
| Construction type  | (2x1)C                            |
| Conductor material | Annealed copper                   |
| Insulation         | PVC/Nylon                         |
| Insulation colour  | Black w. number + yellow/green    |
| Drain wire         | Tinned copper                     |
| Shielding          | ≥85% tinned copper braid coverage |
| Outer sheath       | Special PVC compound              |
| Sheath colour      | Black                             |

### Dimensional characteristics

|                         |                   |
|-------------------------|-------------------|
| Conductor cross-section | 1 mm <sup>2</sup> |
| Number of cores         | 2                 |



Operating temp.  
-5 ... 90 °C



Flame retardant  
UL 1581 SEC. 1160 AND CSA FT4



Oil resistance  
Yes

**Dimensional characteristics**

|                    |          |
|--------------------|----------|
| Outer Diameter     | 7.6 mm   |
| Copper content     | 37 kg/km |
| Approximate weight | 87 kg/km |

**Electrical characteristics**

|                    |        |
|--------------------|--------|
| Rated Voltage Uo/U | 600 V  |
| Test voltage       | 2000 V |

**Usage characteristics**

|                                     |                               |
|-------------------------------------|-------------------------------|
| Field of application                | Fixed installations           |
| Operating temperature, range        | -5 ... 90 °C                  |
| Minimum bending radius, static (XD) | 20                            |
| Flame retardant                     | UL 1581 SEC. 1160 AND CSA FT4 |
| Oil resistance                      | Yes                           |



Operating temp.  
-5 ... 90 °C



Flame retardant  
UL 1581 SEC. 1160 AND CSA FT4



Oil resistance  
Yes