



**Reference:** 10554593  
**Country Ref.:** B1150026409  
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## CONTACT

Market information  
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UL-listed control cables for fixed installation outside and inside cable tray and wind turbines, PVC jacket, unshielded, oil resistant, flame retardant, TC-ER and MTW approved, UL Listed

## STANDARDS

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

Cables designed for static application, .

### Applications:

- Machine tools
- Wood machines
- Marble working machines
- Robotics
- Industrial sector

### Approvals:

UL MTW UL1063

UL TC-ER 90°C 600V UL1277

UL WTTTC 90°C 1000V UL2277

UL DP-1

UL AWM 600V UL758

C(UL) CIC/TC

## CHARACTERISTICS

### Construction characteristics

|                    |                                |
|--------------------|--------------------------------|
| Construction type  | 2x1,5                          |
| Conductor material | Annealed copper                |
| Insulation         | -                              |
| Insulation colour  | Black w. number + yellow/green |
| Outer sheath       | Special PVC compound           |
| Sheath colour      | Black                          |

### Dimensional characteristics

|                         |                     |
|-------------------------|---------------------|
| Conductor cross-section | 1.5 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     | 7.5 mm     |
| Copper content     | 29 kg/km   |
| Approximate weight | 93.5 kg/km |

**Electrical characteristics**

|                                 |        |
|---------------------------------|--------|
| Rated Voltage U <sub>0</sub> /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) | 15                            |
| 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