



**Reference:** 10554449  
**Country Ref.:** B1250186409  
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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	18G2,5
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	2.5 mm <sup>2</sup>
Number of cores	18



Operating temp.  
-5 ... 90 °C



Flame retardant  
UL 1581 SEC. 1160 AND CSA FT4



Oil resistance  
Yes

**Dimensional characteristics**

Outer Diameter	18.3 mm
Copper content	432 kg/km
Approximate weight	682 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