



Control multicore Tray cables UL listed for dynamic application, special compound PVC jacket, shielded, resistant to oils, flame retardant, suitable for direct burial

## STANDARDS

**Product** UL and CSA listing

## APPROVALS

UL MTW

UL TC-ER 90°C 600V

UL WTTC 90°C 1000V

UL DP-1

UL AWM 600V

C(UL) CIC/TC (where required)

### Oil resistance

Oil resistance I

### Flame retardant

UI 1581 section 1160 and CSA FT4

### Nominal Voltage

UL AWM 600V

UL TC-ER / MTW 600V

UL WTTC 1000V

## CONTACT

Market information  
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Operating temp.  
-5 ... 80 °C



Flame retardant  
UL 1581 SEC. 1160 AND CSA FT4



Oil resistance  
Oil resistance I



Storage temperature, range  
-40 ... 90 °C

**CHARACTERISTICS****Construction characteristics**

Construction type	-
Conductor material	Soft annealed copper
Insulation	PVC compound
Individual sheath	Nylon jacketing compound
Insulation colour	Black w. number + yellow/green
Lay Up	cores stranded with filler
Drain wire	Tinned copper
Taping	Non woven tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	Special PVC compound
Sheath colour	Grey RAL 7001

**Dimensional characteristics**

Conductor cross-section	- mm <sup>2</sup>
Number of cores	-
Outer Diameter	- mm
Copper content	- kg/km
Approximate weight	- kg/km

**Electrical characteristics**

Rated Voltage U <sub>o</sub> /U	600 V
Test voltage	2000 V

**Mechanical characteristics**

Bending cycles	3 Mio.
Speed	180 m/min
Maximum acceleration	10 m/s <sup>2</sup>

**Usage characteristics**

Field of application	Dynamic
Operating temperature, range	-5 ... 80 °C
Flame retardant	UL 1581 SEC. 1160 AND CSA FT4
Minimum dynamic operating bending radius	7.5 (xD)
Oil resistance	Oil resistance I
Storage temperature, range	-40 ... 90 °C