



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 ²
Number of cores	-
Outer Diameter	- mm
Copper content	- kg/km
Approximate weight	- kg/km

Electrical characteristics

Rated Voltage U _o /U	600 V
Test voltage	2000 V

Mechanical characteristics

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

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