



**Reference:** 10553680  
**Country Ref.:** C1100076409  
**EAN 13:** 8054803111502

#### 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	(7G1)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	7



Operating temp.  
 -5 ... 90 °C



Flame retardant  
 UL 1581 SEC. 1160 AND CSA FT4



Oil resistance  
 Yes

**Dimensional characteristics**

Outer Diameter	10.1 mm
Copper content	101 kg/km
Approximate weight	186 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)	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