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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	(12G1)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 ²
Number of cores	12



Operating temp.
-5 ... 90 °C



Flame retardant
UL 1581 SEC. 1160 AND CSA FT4



Oil resistance
Yes

Dimensional characteristics

Outer Diameter	12.9 mm
Copper content	160 kg/km
Approximate weight	292 kg/km

Electrical characteristics

Rated Voltage U ₀ /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