



Reference: 10553683
Country Ref.: C1100126409
EAN 13: 8054803111441

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