

Lutze Silflex® (C) Tray-ER, Shielded

Flexible Shielded Tray Cable with UL/TC-ER/WTTC/MTW/CSA/CE Approvals



Application

- Foil shielded multi-conductor cable for tray applications, with exposed run (open wiring) approval
- Compliant with NFPA 79 for machine tool wiring
- TC-ER for use with cable trays without conduit, which can reduce material and labor costs
- Machine tools, machine and plant construction, HVAC technology, assembly and production lines, and other industrial applications
- WTTC – wind turbine tray cable rating for use in wind power generation (approval effective as of 03/2009)
- Dry, damp and wet locations

Characteristics

- Flexible design with Nylon for crush impact resistance per UL 1277 and easy installation
- Specially formulated TPE blend jacket for oil resistance
- RoHS compliant
- Sunlight resistant
- Direct burial
- UL Type TC-Exposed Run
- Dry or wet conditions
- Talc free
- Silicone free

Technical Data

| | |
|-------------------|---|
| Voltage | 600V UL TC 1000V WTTC |
| Temperature | -40°C - +90°C static |
| Bending radius | 6 x cable OD |
| Conductor marking | Black, white and green/yellow ground |
| Approvals | UL Type TC-ER cULus/CE UL AMW, Oil res I, UL 83 (UL) Type MTW or DP-1 WTTC Class 1, Div. 2 per NEC Art. 336, 392, 501 c(UL)us TC and CIC FT4 UL1277, RoHS |

Construction

- Flexible fine wire stranded bare copper conductors
- PVC/Nylon insulation
- Shielded with foil tape and drain wire
- Oil resistant black TPE blend jacket

| Part No. | Description | OD - Ø | OD - Ø | Weight | Copper |
|---------------------|--------------------------------|------------------|--------|---------|---------|
| | No. of conductors incl. ground | ca. mm | inches | Lbs/Mft | Lbs/Mft |
| A3211403 -WHTTPE | AWG 14 (41/30) | | | | |
| | 3 | 9.0 -0.0/+0.3 | 0.354 | 98 | 46 |

PRINT LEGEND:

www.lutze.com Part# A3211403 Silflex (C) E197091 AWG THHN – THWN – (UL) Type TC-ER 90°C 600V SUN RES DIRECT BURIAL OIL RES II OR DP-1 OR MTW “CLASS K” OR c(UL) TYPE CIC CONTROL PVC/N FT4 SHIELDED – CE RoHS CE-46 0940