

# Lutze Silflex® Tray-ER PVC, Unshielded

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



### Application

- 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 jacket for oil resistance
- Non-wicking fillers
- 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	4 x cable OD
Conductor marking	Black with white numbers and one green/yellow ground
Approvals	UL Type TC-ER UL/CSA/CE UL AWM, Oil res I, UL 83 (UL) Type MTW or DP-1 WTTC Class 1, Div. 2 per NEC Art. 336, 392, 501 C(UL) TC and CIC FT4 UL1277, RoHS Oil Res II

### Construction

- Flexible fine wire stranded bare copper conductors
- PVC/Nylon insulation / THHN - THWN
- Oil resistant black PVC jacket

Part No.	Description No. of conductors incl. ground	OD - Ø ca. mm	OD - Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
<b>AWG 18 (19/30)</b>					
A3221803	3	7.5	0.296	52	18
A3221804	4	8.1	0.320	63	24
A3221805	5	8.8	0.346	74	30
A3221807	7	9.5	0.373	96	42
A3221812	12	12.1	0.477	152	72
A3221818	18	14.9	0.587	233	108
A3221825	25	17.2	0.677	305	150
<b>AWG 16 (26/30)</b>					
A3221603	3	8.1	0.321	66	24
A3221604	4	8.7	0.347	79	32
A3221605	5	9.5	0.377	92	40
A3221607	7	10.2	0.406	119	57
A3221612	12	13.4	0.527	189	98
A3221618	18	16.4	0.647	292	147
A3221625	25	19.0	0.748	381	204
<b>AWG 14 (41/30)</b>					
A3221403	3	8.8	0.348	83	38
A3221404	4	9.6	0.378	102	51
A3221405	5	10.4	0.410	122	64
A3221407	7	11.3	0.445	159	89
A3221409	9	13.1	0.516	204	115
A3221412	12	15.5	0.610	280	154
<b>AWG 12 (65/30)</b>					
A3221203	3	9.8	0.382	121	63
A3221204	4	11.1	0.437	143	83
A3221205	5	12.1	0.475	176	105
A3221207	7	14.1	0.556	253	147
<b>AWG 10 (105/30)</b>					
A3221004	4	14.6	0.573	171	130
A3221005	5	15.8	0.623	241	162
<b>AWG 8 (168/30)</b>					
A3220804	4	18.9	0.744	395	214
A3220805	5	22.4	0.874	452	268
<b>AWG 6 (266/30)</b>					
A3220604	4	21.7	0.853	551	339
<b>AWG 4 (413/30)</b>					
A3220404	4	27.9	1.098	514	514
<b>AWG 2 (665/30)</b>					
A3220204	4	32.3	1.272	1305	874
<b>AWG 1 (836/30)</b>					
A3220103	3	32.9	1.293	1217	817