

Lutze Silflex® (C) Tray-ER PVC, Shielded

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



Application

- 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 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 with white numbers and one green/yellow ground
Approvals	UL Type TC-ER UL/CSA/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) TC and CIC FT4 UL1277, RoHS

Construction

- Flexible fine wire stranded bare copper conductors
- PVC/Nylon insulation
- Shielded with foil tape, tinned copper braid and drain wire
- 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
AWG 18 (19/30)					
A3211803	3	7.9	0.310	68	30
A3211805	5	9.1	0.357	94	44
A3211807	7	10.0	0.395	119	58
A3211812	12	12.8	0.505	187	91
A3211818	18	15.5	0.610	266	131
A3211825	25	18.0	0.710	360	177
AWG 16 (26/30)					
A3211603	3	8.8	0.345	87	39
A3211605	5	10.2	0.400	116	57
A3211607	7	10.8	0.425	144	75
A3211612	12	14.0	0.550	227	121
A3211618	18	16.9	0.665	326	174
A3211625	25	19.6	0.770	441	233
AWG 14 (41/30)					
A3211403	3	9.4	0.370	109	57
A3211405	5	11.1	0.435	155	85
A3211407	7	12.2	0.480	198	113
A3211412	12	16.1	0.635	315	182
AWG 12 (65/30)					
A3211203	3	10.8	0.425	150	88
A3211205	5	12.7	0.500	215	133
A3211209	9	16.4	0.655	392	240

Also see **A116** cable series with **four (4)** conductor configuration, PVC Shielded, 0.6/1kV VFD Motor cable, TC-ER rated.