

Lutze Superflex® Tronic (C) PUR, Shielded

High Flexing Electronic Cable with UL/CSA/CE Approvals

halogen-free

LÜTZE SUPERFLEX TRONIC (C) PUR



Application

- Multi-conductor cable for robots, handling equipment, machine tools, C-tracks and applications with extremely rough operating conditions
- For the most demanding flexing applications such as C-tracks and linear flexing
- Compatible with all major brand C-tracks

Characteristics

- Superfine stranding per Class 6 for continuous moving applications
- PUR jacket and TPE conductor insulation for use in extremely harsh operating conditions
- Highest level of resistance against cooling fluids, greases and oils
- Abrasion and hydrolysis resistant, low water absorption
- Dry, wet and damp conditions
- UV resistant
- Silicone/Talc free

Technical Data

Voltage	300V UL AWM
Temperature	Moving -25°C - +80°C Fixed -40°C - +80°C
Bending radius	Moving 12 x cable OD Fixed 6 x cable OD
Conductor marking	Color coded per DIN EN 50334 or DIN 47100
Isolation resistance	Min 20MΩ x km
Approvals	UL/CSA/CE UL VW-1 CSA FT1 IEC 60332-1 Halogen free per DIN EN 50264-1, EN 50267-2-1, EN 60684-2 Oil Res II RoHS

Construction

- Bare copper super finely stranded per DIN VDE 0295 Class 6 or IEC 60228 Class 6
- TPE insulation
- Tinned copper braid shield
- Extremely oil resistant gray PUR jacket

Part No.	Description No. of conductors	OD - Ø ca. mm	OD - Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
AWG 24 / 0.25 mm²					
117099	(2x0.25)	4.2	0.165	18	9
117100	(3x0.25)	4.4	0.173	20	11
117101	(4x0.25)	4.7	0.185	24	13
117102	(5x0.25)	5.1	0.201	27	15
117103	(7x0.25)	5.8	0.228	34	21
117104	(10x0.25)	6.6	0.260	43	28
117123	(15x0.25)	7.5	0.295	58	40
117106	(18x0.25)	7.9	0.311	65	43
117107	(25x0.25)	9.2	0.362	85	57
AWG 22 / 0.34 mm²					
117108	(2x0.34)	4.4	0.173	20	10
117109	(3x0.34)	4.6	0.181	23	13
117110	(4x0.34)	4.9	0.193	27	16
117111	(5x0.34)	5.3	0.207	31	19
117112	(7x0.34)	6.1	0.240	39	25
117113	(10x0.34)	7.0	0.276	50	34
117124	(15x0.34)	7.9	0.311	68	50
117115	(18x0.34)	8.3	0.327	77	54
117116	(25x0.34)	9.8	0.386	107	77

Specifications are subject to change without prior notice

1-800-447-2371



www.lutze.com