

LUTZE Electronic PLTC PVC, Shielded

Flexible Electronic Cable with UL/CE/PLTC Approvals



Application

Double shielded industrial grade PLTC electronic cable for machine tools, process instrumentation and controls, computer peripherals, HVAC technology, assembly and production lines, low voltage interconnect and other industrial applications including **installation in cable trays**

Characteristics

- Flexible for easy installation
- Easy strip design
- Color coded conductors
- Specially formulated jacket for oil resistance
- Premium durability
- Extended temperature range
- **UL listed** and **NFPA 79** compliant
- Talc and Silicone free

Technical Data

Voltage	300V
Temperature	-40°C - +105°C
Minimum bending radius	4 x cable OD
Conductor marking	See tables
Burning behavior	Flame retardant per UL VW-1, FT4
Oil resistance	Oil Res II
Approvals	UL Type PLTC UL Type CM AWM Style 2464 AWM II A/B CE Meets NEC 725, 760, 800 Class I, II Div. 2 per NEC Art. 336, 392, 501, 502 (PLTC use only) RoHS REACH

Construction

- AWG conductor
- Flexible fine wire stranded tinned copper conductors, twisted in pairs
- SR-PVC insulation
- Shielded with foil tape, tinned copper braid and drain wire
- Oil resistant premium PVC jacket
- Gray jacket similar to RAL 7001

Part No.	Description No. of conductors	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
AWG 22 (19/34)					
A3142202	AWG22/1TP	5.0	0.197	27	12
A3142204	AWG22/2TP	6.6	0.261	42	21
A3142206	AWG22/3TP	6.9	0.273	54	26
A3142208	AWG22/4TP	7.7	0.305	62	31
A3142210	AWG22/5TP	8.3	0.328	71	37
A3142212	AWG22/6TP	9.0	0.353	81	43
A3142216	AWG22/8TP	9.6	0.378	98	54
AWG 20 (19/32)					
A3142002	AWG20/1TP	5.7	0.225	35	18
A3142004	AWG20/2TP	7.6	0.301	55	30
A3142006	AWG20/3TP	8.0	0.315	67	38
A3142008	AWG20/4TP	8.7	0.341	81	47
A3142010	AWG20/5TP	9.3	0.368	95	55
A3142012	AWG20/6TP	10.5	0.413	115	66
A3142016	AWG20/8TP	11.3	0.443	139	84
AWG 18 (19/30)					
A3141802	AWG18/1TP	5.9	0.233	44	27
A3141804	AWG18/2TP	8.4	0.330	72	44
A3141806	AWG18/3TP	8.8	0.348	89	57
A3141808	AWG18/4TP	9.6	0.377	108	71
A3141810	AWG18/5TP	10.9	0.428	135	85
A3141812	AWG18/6TP	11.7	0.462	154	99
A3141816	AWG18/8TP	12.6	0.496	188	125
AWG16 (26/30)					
A3141602	AWG16/1TP	7.3	0.288	61	34
A3141604	AWG16/2TP	10.8	0.425	107	55
A3141606	AWG16/3TP	11.4	0.448	127	72
A3141608	AWG16/4TP	12.3	0.486	155	91
A3141612	AWG16/6TP	14.6	0.573	213	128
A3141616	AWG16/8TP	16.2	0.639	270	162

Color Code Table AWG 22 Pair

1-	WH/BK
2-	WH/BN
3-	WH/RD
4-	WH/OG
5-	WH/YE
6-	WH/GN
7-	WH/BU
8-	WH/VT

Color Code Table AWG 20, 18 & 16 Pair

1-	BK/RD
2-	BK/WH
3-	BK/GN
4-	BK/BU
5-	BK/BN
6-	BK/YE
7-	BK/OG
8-	BK/GN

Specifications are subject to change without prior notice