

LUTZE Electronic (C) PLTC PVC TP, Shielded

Flexible Electronic Cable with Twisted Pairs and 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
- Conductors twisted in pairs
- 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	-25°C - +105°C
Minimum bending radius	6 x cable OD
Conductor marking	See table
Burning behavior	Flame retardant per UL VW-1, CSA 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 Div. 2 (PLTC use only) RoHS REACH

Part No.	Description No. of pairs	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

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 Pair#

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

Construction

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