

LUTZE Electronic (C) 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	-25°C - +105°C
Minimum bending radius	6 x cable OD
Conductor marking	See tables
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

Construction

- AWG conductor
- 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

Part No.	Description No. of conductors	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
AWG 22 (19/34)					
A3132202	AWG22/2C	5.0	0.197	27	11
A3132203	AWG22/3C	5.2	0.205	32	15
A3132204	AWG22/4C	5.5	0.218	37	18
A3132206	AWG22/6C	6.3	0.247	47	24
A3132208	AWG22/8C	6.7	0.263	55	30
A3132210	AWG22/10C	7.7	0.303	67	36
A3132215	AWG22/15C	8.6	0.338	88	50
A3132220	AWG22/20C	9.4	0.369	109	62
A3132225	AWG22/25C	10.7	0.423	137	77
AWG 20 (19/32)					
A3132002	AWG20/2C	5.6	0.221	35	17
A3132003	AWG20/3C	5.8	0.230	42	22
A3132004	AWG20/4C	6.2	0.246	48	27
A3132006	AWG20/6C	7.2	0.284	64	37
A3132008	AWG20/8C	7.7	0.302	76	46
A3132010	AWG20/10C	8.7	0.343	91	55
A3132015	AWG20/15C	10.3	0.404	128	76
A3132020	AWG20/20C	10.9	0.430	157	97
A3132025	AWG20/25C	12.2	0.581	189	118
AWG 18 (19/30)					
A3131802	AWG18/2C	5.9	0.233	44	27
A3131803	AWG18/3C	6.2	0.243	53	34
A3131804	AWG18/4C	6.7	0.262	62	41
A3131806	AWG18/6C	7.9	0.311	85	55
A3131808	AWG18/8C	8.4	0.332	102	68
A3131810	AWG18/10C	9.6	0.379	123	83
A3131815	AWG18/15C	11.4	0.447	175	117
A3131820	AWG18/20C	12.4	0.488	217	150
A3131825	AWG18/25C	13.6	0.535	260	182

Color Code Table AWG 22

1- BK	13- WH/RD
2- BN	14- WH/OG
3- RD	15- WH/YE
4- OG	16- WH/GN
5- YE	17- WH/BU
6- GN	18- WH/VT
7- BU	19- WH/GY
8- VT	20- WH/BK/BN
9- GY	21- WH/BK/RD
10- WH	22- WH/BK/OG
11- WH/BK	23- WH/BK/YE
12- WH/BN	24- WH/BK/GN
	25- WH/BK/BU

Color Code Table AWG 20 & 18

1- BK	13- RD/GN
2- RD	14- RD/YE
3- WH	15- RD/BK
4- GN	16- WH/BK
5- OG	17- WH/RD
6- BU	18- WH/GN
7- BN	19- WH/YE
8- YE	20- WH/BU
9- VT	21- WH/BN
10 GY	22- WH/OG
11- PK	23- WH/GY
12- TN	24- WH/VT
	25- WH/BK/RD