

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
- 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)					
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	11.5	0.454	157	97
A3132025	AWG20/25C	12.2	0.481	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
AWG16 (26/30)					
A3131602	AWG16/2C	7.3	0.288	59	32
A3131603	AWG16/3C	7.7	0.302	68	40
A3131604	AWG16/4C	8.3	0.325	81	49
A3131606	AWG16/6C	9.6	0.378	111	68
A3131608	AWG16/8C	10.9	0.428	143	86
A3131610	AWG16/10C	12.4	0.490	175	105
A3131615	AWG16/15C	14.0	0.553	237	149
A3131620	AWG16/20C	16.0	0.628	308	192
A3131625	AWG16/25C	17.5	0.690	371	236

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 & 16

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

Specifications are subject to change without prior notice