

# LUTZE Electronic PLTC (C) PVC, Shielded

## Flexible Electronic Cable for Stationary Applications



### Application

- Dual-shielded multi-conductor industrial grade PLTC electronic cable
- Machine tools, machine and plant construction, HVAC technology, assembly and production lines, process instrumentation and controls
- Compliant with NFPA 79 requirements
- PLTC for installation in cable trays

### Characteristics

- Flexible for easy installation
- Easy strip design
- Color coded conductors
- Specially formulated jacket for oil resistance
- Ecolab certified resistance to common cleaning agents and chemicals used in food and beverage washdown procedures
- Premium durability
- Extended temperature range
- Sunlight resistant
- Gas/vapor-tight sheath per UL 13
- Talc and silicone free

### Technical Data

Voltage	300V
Temperature range	-40°C - +105°C
Bending radius min	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 2464 80C 300V AWM II A/B CE Meets NEC 392, 725, 800 Class I & II, Div. 2 and Class I Zone 2 per NEC 501, 502, 505 (PLTC Use Only) UL 13 RoHS, REACH, TSCA

### 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

Specifications are subject to change without prior notice

Part No.	Description No. of conductors	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
<b>AWG 22 (19/34)</b>					
A3132202	AWG22/2C	5.0	0.198	26	11
A3132203	AWG22/3C	5.2	0.206	30	15
A3132204	AWG22/4C	5.5	0.219	35	18
A3132206	AWG22/6C	6.3	0.248	45	24
A3132208	AWG22/8C	6.7	0.264	53	30
A3132210	AWG22/10C	7.7	0.304	65	36
A3132215	AWG22/15C	8.6	0.339	85	50
A3132220	AWG22/20C	9.4	0.370	104	62
A3132225	AWG22/25C	10.7	0.424	134	77
<b>AWG 20 (19/32)</b>					
A3132002	AWG20/2C	5.6	0.220	34	17
A3132003	AWG20/3C	5.8	0.229	40	22
A3132004	AWG20/4C	6.2	0.244	46	27
A3132006	AWG20/6C	7.2	0.282	62	37
A3132008	AWG20/8C	7.7	0.300	73	46
A3132010	AWG20/10C	8.7	0.340	90	55
A3132015	AWG20/15C	10.3	0.401	126	76
A3132020	AWG20/20C	11.5	0.453	157	97
A3132025	AWG20/25C	12.2	0.481	187	118
<b>AWG 18 (19/30)</b>					
A3131802	AWG18/2C	5.9	0.234	40	27
A3131803	AWG18/3C	6.2	0.245	48	34
A3131804	AWG18/4C	6.7	0.262	58	41
A3131806	AWG18/6C	7.9	0.312	80	55
A3131808	AWG18/8C	8.4	0.333	97	68
A3131810	AWG18/10C	9.6	0.380	119	83
A3131815	AWG18/15C	11.4	0.448	169	117
A3131820	AWG18/20C	12.4	0.489	211	150
A3131825	AWG18/25C	13.6	0.536	254	182
<b>AWG16 (26/30)</b>					
A3131602	AWG16/2C	7.3	0.288	59	32
A3131603	AWG16/3C	7.7	0.302	69	40
A3131604	AWG16/4C	8.3	0.325	83	49
A3131606	AWG16/6C	9.6	0.378	112	68
A3131608	AWG16/8C	10.9	0.428	145	86
A3131610	AWG16/10C	12.4	0.490	178	105
A3131615	AWG16/15C	14.0	0.553	240	149
A3131620	AWG16/20C	16.0	0.628	313	192
A3131625	AWG16/25C	17.5	0.690	376	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