

## INSTRUMENTATION CABLE

**PVC\*-Multiple Pairs  
Individual and Overall Shield  
105C -300 Volt -UL PLTC/ITC**



CONSTRUCTION	
Conductor	- Annealed Bare Copper - 7 Strands Class B
Insulation	- Polyvinyl Chloride (PVC)
Pair Drain Wire	- 7 Strand Tinned Copper
Individual Shield	- FFE Aluminum Mylar -100% coverage
Drain Wire	- 7 Strand Tinned Copper
Overall Shield	- Aluminum Mylar Tape -100% coverage
Ripcord	- Yes

### Applications:

- Cable is suitable for use in Class I Division II hazardous locations
- Cable is UL approved for Sunlight Resistant and Direct Burial Applications

### Standards:

- UL listed as type PLTC & CL3 per UL standard 13 and as type ITC per UL standard 2250
- Meets CSA standard C22.2 #239 C(UL) CIC 300V 90C
- IEEE 1202 available upon request
- All materials used in the manufacture of this cable are RoHS compliant

Part #	AWG	Pairs	Insulation Thickness	Jacket Thickness	Nom. O.D.	Lbs./M'
L32002	20	2	.018"	.040"	.339"	53
L32004	20	4	.018"	.050"	.410"	88
L32008	20	8	.018"	.050"	.553"	159
L32012	20	12	.018"	.060"	.688"	235
L32016	20	16	.018"	.060"	.760"	316
L32020	20	20	.018"	.060"	.783"	376
L32024	20	24	.018"	.060"	.867"	428
L32036	20	36	.018"	.070"	1.076"	637
L32050	20	50	.018"	.070"	1.185"	880
L31802	18	2	.016"	.040"	.335"	72
L31804	18	4	.016"	.050"	.425"	120
L31808	18	8	.016"	.050"	.559"	214
L31812	18	12	.016"	.060"	.699"	321
L31816	18	16	.016"	.060"	.753"	418
L31820	18	20	.016"	.060"	.817"	514
L31824	18	24	.016"	.070"	.941"	603
L31836	18	36	.016"	.070"	1.061"	892
L31850	18	50	.016"	.080"	1.252"	1215
L31602	16	2	.016"	.050"	.410"	98
L31603	16	3	.016"	.050"	.462"	144
L31604	16	4	.016"	.050"	.505"	163
L31606	16	6	.016"	.060"	.623"	254
L31608	16	8	.016"	.060"	.676"	307
L31612	16	12	.016"	.060"	.771"	448

### COLOR CODE CHART

Pairs	Color
1	Black, White & Numbered
2	Black, White & Numbered
3	Black, White & Numbered
4	Black, White & Numbered
5	Black, White & Numbered
6	Black, White & Numbered
7	Black, White & Numbered
8	Black, White & Numbered
9	Black, White & Numbered
10	Black, White & Numbered
11	Black, White & Numbered
12	Black, White & Numbered
13	Black, White & Numbered
14	Black, White & Numbered
15	Black, White & Numbered
16	Black, White & Numbered
17	Black, White & Numbered
18	Black, White & Numbered
19	Black, White & Numbered
20	Black, White & Numbered
21	Black, White & Numbered
22	Black, White & Numbered
23	Black, White & Numbered
24	Black, White & Numbered
25	Black, White & Numbered

<b>Part #</b>	<b>AWG</b>	<b>Pairs</b>	<b>Insulation Thickness</b>	<b>Jacket Thickness</b>	<b>Nom. O.D.</b>	<b>Lbs./M'</b>
L31616	16	16	.016"	.060"	.851"	573
L31620	16	20	.016"	.070"	1.008"	732
L31624	16	24	.016"	.070"	1.051"	851
L31636	16	36	.016"	.080"	1.271"	1275
L31650	16	50	.016"	.080"	1.439"	1717

\*Fittings are available for these products.

Note: The information in this specification sheet is approximate and subject to standard industry and manufacturer tolerances. Please verify specific requirements with your Omni Cable account manager.