

Overall Shielded Single and Multipair

Product Description

PVC Insulation
PVC Jacket
105°C, 300 V

Applications

For use as instrumentation cable inside or outside in control applications. Suitable for installation in trays, troughs, channels, conduit, wireways and for aerial use when supported by a messenger. Suitable for Class 2 and 3 electrical circuits per NEC Article 725.



Specifications

- CONDUCTORS: Stranded, bare copper
- INSULATION: 105°C Polyvinyl Chloride (PVC)
- PAIRS: Pairs are twisted with a suitable lay to reduce magnetic interference and color coded black and white, each pair is printed numerically to ensure easy identification
- ASSEMBLY: The individual pairs are cabled together to form round completed assembly, overall aluminum/polyester foil shield with stranded tinned copper drain wire
- OVERALL JACKET: Flame-retardant, sunlight-resistant, black PVC, a rip cord is included for jacket removal
- STANDARDS: Meets Article 725 of the NEC for Type PLTC and UL Subject 13, finished cable meets IEEE 1202 flame test
- TEMPERATURE: 105°C
- VOLTAGE: 300 V

The voltage rating of the cable will not be printed on the cable jacket, as indicated in the marking requirements of UL Subject 13. Other pair counts available upon request. Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG	No. of Pairs	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
323-221-2001	20	1	0.230	24
323-221-2002	20	2	0.380	58
323-221-2003	20	3	0.350	66
323-221-2004	20	4	0.420	87
323-221-2006	20	6	0.460	114
323-221-2008	20	8	0.500	139
323-221-2010	20	10	0.570	165

Part No.	Conductor Size AWG	No. of Pairs	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
323-221-2012	20	12	0.590	190
323-221-2016	20	16	0.670	250
323-221-2020	20	20	0.710	308
323-221-2024	20	24	0.800	351
323-221-2036	20	36	0.830	480
323-221-2050	20	50	1.100	660
323-221-1801	18	1	0.260	45
323-221-1802	18	2	0.440	83
323-221-1803	18	3	0.450	100
323-221-1804	18	4	0.480	125
323-221-1806	18	6	0.530	149
323-221-1808	18	8	0.570	200
323-221-1810	18	10	0.620	239
323-221-1812	18	12	0.660	295
323-221-1816	18	16	0.760	370
323-221-1820	18	20	0.620	450
323-221-1824	18	24	0.890	530
323-221-1836	18	36	1.020	780
323-221-1850	18	50	1.290	1,230
323-221-1601	16	1	0.260	42
323-221-1602	16	2	0.460	103
323-221-1603	16	3	0.480	130
323-221-1604	16	4	0.510	160
323-221-1606	16	6	0.590	203
323-221-1608	16	8	0.670	280
323-221-1610	16	10	0.720	322

Part No.	Conductor Size AWG	No. of Pairs	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
323-221-1612	16	12	0.770	400
323-221-1616	16	16	0.860	510
323-221-1620	16	20	0.950	640
323-221-1624	16	24	1.050	750
323-221-1636	16	36	1.230	1,110
323-221-1650	16	50	1.600	1,352