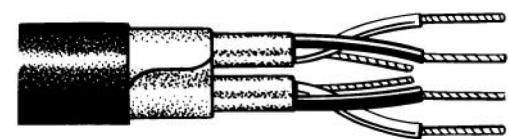


### Product Description

PVC insulation  
PVC jacket  
105°C, 300 V

### Applications

For use as instrumentation cable inside or outside in control applications. Individually and overall shielded for greater isolation and noise reduction. Suitable for installation in trays, troughs, 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: Bare copper, Class B, concentric stranded
- INSULATION: 105°C Polyvinyl Chloride (PVC)
- PAIRS: Each pair is twisted with a suitable lay to reduce magnetic interference and color coded black and white, each pair is also printed numerically to ensure easy identification, an aluminum/polyester foil shield with stranded tinned copper drain wire is applied
- ASSEMBLY: The individual pairs are cabled together to form a substantially circular cross-section of the completed assembly, an aluminum/polyester foil shield with stranded tinned copper drain wire is applied overall
- OVERALL JACKET: Flame-retardant, sunlight-resistant, black Polyvinyl Chloride (PVC) jacket
- STANDARDS: Meets Article 725 of the NEC for Type PLTC and UL 13, finished cable meets IEEE 1202 and UL 1685 vertical tray flame tests
- 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.
323-231-2002	20	2	0.420	61
323-231-2004	20	4	0.440	105
323-231-2006	20	6	0.530	145
323-231-2008	20	8	0.560	170
323-231-2012	20	12	0.690	248
323-231-2016	20	16	0.770	315
323-231-2024	20	24	0.950	475
323-231-2036	20	36	1.060	660
323-231-2050	20	50	1.280	880
323-231-1802	18	2	0.460	91
323-231-1803	18	3	0.470	122
323-231-1804	18	4	0.510	148
323-231-1806	18	6	0.600	210
323-231-1808	18	8	0.690	270
323-231-1812	18	12	0.840	380
323-231-1816	18	16	0.940	490
323-231-1824	18	24	1.130	700
323-231-1836	18	36	1.260	944
323-231-1602	16	2	0.480	131
323-231-1603	16	3	0.490	135
323-231-1604	16	4	0.550	195
323-231-1606	16	6	0.590	276
323-231-1608	16	8	0.760	350
323-231-1612	16	12	0.910	520
323-231-1616	16	16	1.050	660
323-231-1624	16	24	1.220	970
323-231-1636	16	36	1.410	1,318

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Title

16 AWG- 4 Shielded Twisted Pairs- 300V-  
Stranded Conductor- Overall Foil Shield  
- PLTC Tray Cable- Per Foot

Part Number

82-300-305

### Notes

- Unless otherwise specified all dimensions are nominal
- All specifications are subject to change without notice at any time
- Dimensions are in millimeters