

Overall Shielded (PLTC)



Product Description

PVC insulation
PVC jacket

Applications

Used to economically extend the thermocouple signal in aluminum and steel plants, pulp and paper, glass, automotive, petrochemical, heat treating and food processing industries.

Specifications

- CONDUCTORS: Solid thermocouple extension wire conforming to limits of error listed in ISA/ANSI MC96.1
- INSULATION: 105°C flame-retardant Polyvinyl Chloride (PVC), average thickness is 15 mils
- COLOR CODE: Per ISA/ANSI MC96.1 latest revision
- ASSEMBLY: Twisted pairs, with one conductor in each group number identified, the cable core has an overall aluminum/Mylar shield with a tinned copper drain wire
- OVERALL JACKET: Flame-retardant Polyvinyl Chloride (PVC), color coded per ISA/ANSI MC96.1
- STANDARDS: Meets the requirements of UL 13 and passes the IEEE 1202 flame test
- TEMPERATURE: 105°C
- VOLTAGE: 300 V

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The voltage rating of the cable will not be printed on the cable jacket, as indicated in the marking requirements of UL Subject 13. Substitute XX with either JX, KX, TX, or EX (e.g. 327-221-1601-KX). Other gauge sizes and pair counts available upon request. Diameters and weights may vary among manufacturers.

| Part No. | No. of Pairs | Conductor Size AWG | Nom. O.D. (in.) | Approx. Wt. lb./1,000 ft. |
|-----------------|--------------|-----------------------|-----------------|------------------------------|
| 327-221-2001-XX | 1 | 20 | 0.200 | 40 |
| 327-221-2002-XX | 2 | 20 | 0.330 | 50 |
| 327-221-2004-XX | 4 | 20 | 0.354 | 70 |
| 327-221-2006-XX | 6 | 20 | 0.367 | 101 |
| 327-221-2008-XX | 8 | 20 | 0.477 | 123 |
| 327-221-2010-XX | 10 | 20 | 0.530 | 150 |
| 327-221-2012-XX | 12 | 20 | 0.554 | 166 |
| 327-221-2016-XX | 16 | 20 | 0.639 | 222 |
| 327-221-2020-XX | 20 | 20 | 0.653 | 261 |
| 327-221-2024-XX | 24 | 20 | 0.726 | 308 |
| 327-221-2036-XX | 36 | 20 | 0.843 | 428 |
| 327-221-1601-XX | 1 | 16 | 0.260 | 42 |

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