

Product Data Sheet

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

Product Data Sheet

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