

## XLP/PVC

### Product Description

- ) XLP insulation
- ) PVC jacket
- ) 90°C, 600 V

### Applications

- ) Designed for power and control, telemetering, relay control, traffic control, switching, lighting and signal transmission. May be used in Class I, Div. 2 and Class II, Div. 2 Hazardous Locations per NEC Art. 501 and 502. These cables also conform to Art. 392 "Cable Trays" and Art. 336 "Power and Control Tray Cable."



### Specification

- ) CONDUCTORS: Class B stranded bare copper per ASTM B-3 and B-8
- ) INSULATION: Cross-Linked Polyethylene (XLPE) per ICEA S-73-532 (NEMA WC57), meets UL 44 requirements for VW-1, Type XHHW-2 conductors
- ) COLOR CODE: ICEA Method 1, Table E-2 (formerly K-2)
- ) ASSEMBLY: Conductors are cabled with fillers where necessary to make round, two conductor cables are flat
- ) OVERALL JACKET: Sunlight-resistant Polyvinyl Chloride (PVC) per UL 1277
- ) STANDARDS: Meets per UL 1277 requirements for Type TC cables having XHHW-2 conductors, cables are listed for direct burial and meet the IEEE 1202, IEEE 383 and UL 1685. 70,000 Btu/hr flame tests as well as the ICEA T-29-520, 210,000 Btu/hr flame tests
- ) AMPACITY: Based on not more than three conductors in raceway or cable or earth with an ambient temperature of 30°C and a conductor temperature of 90°C per NEC Table 310.16, the values have been derated where applicable
- ) TEMPERATURE: 90°C
- ) VOLTAGE: 600 V

Electrical and Electronic Wire & Cable • Enterprise Cabling & Security Solutions

Anixter Inc. World Headquarters • 2301 Patriot Boulevard, Glenview, IL 60026-8020 • 1.800.ANIXTER • 224.521.8000 • [anixter.com](http://anixter.com)

Anixter is a leading global supplier of communications and security products, electrical and electronic wire and cable, fasteners and other small components. We help our customers specify solutions and make informed purchasing decisions around technology, applications and relevant standards. Throughout the world, we provide innovative supply chain management solutions to reduce our customers' total cost of production and implementation.

Anixter does not manufacture the items described in this publication. Any applicable product warranties are provided by the manufacturers. To the fullest extent permitted by law, Anixter disclaims all warranties, either express or implied. The information provided and any images shown are for descriptive purposes only. Anixter makes no warranty or representation, express or implied, about the accuracy or completeness of any information provided. Data and suggestions made in the publication are not to be construed as recommendations to purchase or as authorizations to use any products in violation of any law or regulation. All products are sold subject to Anixter's General Conditions of Sale.

Diameters and weights may vary among manufacturers. Other conductor counts available upon request. Unless otherwise specifically permitted in the NEC, the overcurrent protection shall not exceed 15 A for 14 AWG, 20 A for 12 AWG and 30 A for 10 AWG. All part numbers require a color code designation. See Color Code Chart in the Technical Information section. For Method 1, Table E-1 color code add -1 to Part No. (e.g. 2AX-1802-1).

Part No.	Conductor Size AWG	No. of Conductors	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps/Conductor
2AX-1402	14	2	0.03	0.045	0.26	62	25
2AX-1403	14	3	0.03	0.045	0.405	93	25
2AX-1404	14	4	0.03	0.045	0.445	116	20
2AX-1405	14	5	0.03	0.045	0.485	144	20
2AX-1407	14	7	0.03	0.045	0.525	187	17
2AX-1409	14	9	0.03	0.06	0.645	238	17
2AX-1412	14	12	0.03	0.06	0.715	303	12
2AX-1415	14	15	0.03	0.06	0.77	366	12
2AX-1419	14	19	0.03	0.06	0.815	461	12
2AX-1425	14	25	0.03	0.08	1.01	615	11
2AX-1430	14	30	0.03	0.08	1.075	720	11
2AX-1437	14	37	0.03	0.08	1.13	888	10
2AX-1202	12	2	0.03	0.045	0.27	86	30
2AX-1203	12	3	0.03	0.045	0.445	125	30
2AX-1204	12	4	0.03	0.045	0.485	160	24
2AX-1205	12	5	0.03	0.06	0.535	194	24
2AX-1207	12	7	0.03	0.06	0.61	273	21
2AX-1209	12	9	0.03	0.06	0.71	323	21
2AX-1212	12	12	0.03	0.06	0.795	416	15
2AX-1215	12	15	0.03	0.08	0.86	506	15
2AX-1219	12	19	0.03	0.08	0.955	681	15
2AX-1225	12	25	0.03	0.08	1.115	847	13

## Electrical and Electronic Wire & Cable • Enterprise Cabling & Security Solutions

Anixter Inc. World Headquarters • 2301 Patriot Boulevard, Glenview, IL 60026-8020 • 1.800.ANIXTER • 224.521.8000 • anixter.com

Anixter is a leading global supplier of communications and security products, electrical and electronic wire and cable, fasteners and other small components. We help our customers specify solutions and make informed purchasing decisions around technology, applications and relevant standards. Throughout the world, we provide innovative supply chain management solutions to reduce our customers' total cost of production and implementation.

Anixter does not manufacture the items described in this publication. Any applicable product warranties are provided by the manufacturers. To the fullest extent permitted by law, Anixter disclaims all warranties, either express or implied. The information provided and any images shown are for descriptive purposes only. Anixter makes no warranty or representation, express or implied, about the accuracy or completeness of any information provided. Data and suggestions made in the publication are not to be construed as recommendations to purchase or as authorizations to use any products in violation of any law or regulation. All products are sold subject to Anixter's General Conditions of Sale.

Part No.	Conductor Size AWG	No. of Conductors	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps/Conductor
2AX-1237	12	37	0.03	0.08	1.14	1,241	10
2AX-1002	10	2	0.03	0.045	0.29	114	40
2AX-1003	10	3	0.03	0.045	0.495	173	40
2AX-1004	10	4	0.03	0.06	0.545	223	32
2AX-1005	10	5	0.03	0.06	0.63	287	32
2AX-1007	10	7	0.03	0.06	0.685	382	28
2AX-1009	10	9	0.03	0.06	0.8	457	28
2AX-1012	10	12	0.03	0.08	0.895	644	20

## Electrical and Electronic Wire & Cable • Enterprise Cabling & Security Solutions

Anixter Inc. World Headquarters • 2301 Patriot Boulevard, Glenview, IL 60026-8020 • 1.800.ANIXTER • 224.521.8000 • [anixter.com](http://anixter.com)

Anixter is a leading global supplier of communications and security products, electrical and electronic wire and cable, fasteners and other small components. We help our customers specify solutions and make informed purchasing decisions around technology, applications and relevant standards. Throughout the world, we provide innovative supply chain management solutions to reduce our customers' total cost of production and implementation.

Anixter does not manufacture the items described in this publication. Any applicable product warranties are provided by the manufacturers. To the fullest extent permitted by law, Anixter disclaims all warranties, either express or implied. The information provided and any images shown are for descriptive purposes only. Anixter makes no warranty or representation, express or implied, about the accuracy or completeness of any information provided. Data and suggestions made in the publication are not to be construed as recommendations to purchase or as authorizations to use any products in violation of any law or regulation. All products are sold subject to Anixter's General Conditions of Sale.