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 30ºC and a conductor temperature of 90ºC per NEC Table 310.16, the values have been derated where applicable
- TEMPERATURE: 90ºC
- VOLTAGE: 600 V

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	0.260 x	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	0.270	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
2AX-1237	12	37	0.03	0.08	1.14	1,241	10
2AX-1002	10	2	0.03	0.045	0.290	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