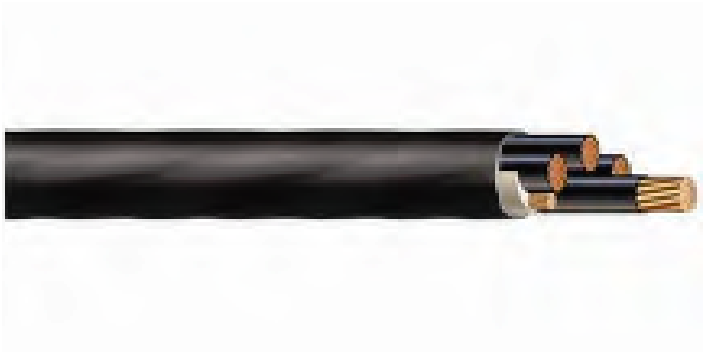
XLP/PVC Tray Cable

Product Description

- XLP insulation PVC jacket
- UL Listed Type TC



Applications

- Used for control and power applications in chemical plants, steel mills, industrial plants, utility substations and generating stations, residential and commercial buildings. May be used in Class 1, Div. 2 Hazardous Locations per NEC Art. 501. These cables also conform to Art. 392 "Cable Trays" and Art. 336 "Power and Control Tray Cable." Suitable for aerial, duct or direct burial.

Specification

- CONDUCTOR: Class B stranded, annealed, bare copper per ASTM B3 and B8
- INSULATION: Cross-Linked Polyethylene (XLP) per UL 44 requirements for Type XHHW-2
- COLOR CODE: 12 and 10 AWG are color coded black, red and blue, 8 AWG and larger are colored black and numbered per ICEA Method 4 (printed numbers)
- ASSEMBLY: Three insulated conductors and one bare UL Class B stranded copper ground conductor are cabled together with suitable non-hygroscopic fillers and binder to make round
- OVERALL JACKET: Sunlight-resistant Polyvinyl Chloride (PVC) per UL 1277
- STANDARDS: Meets UL 1277 requirements for Type TC cables having XHHW-2 conductors. Cables are listed for direct burial and meet the IEEE 1202 and UL 1685, 70,000 Btu/hr flame tests as well as the ICEA T-29-520, 210,000 Btu/hr flame test
- AMPACITY: Based on not more than three conductors in raceway or cable or earth per NEC Table 310.16, based on an ambient temperature of 30°C and a conductor temperature of 90°C
- TEMPERATURE: 90°C
- VOLTAGE: 600 V

Unless otherwise permitted in the NEC, the overcurrent protection shall not exceed 20 A for 12 AWG and 30 A for 10 AWG. Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG/kcmil	No. of Strands	Ground Wire Size AWG	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
3H-1203	12	7	12	0.030	0.045	0.490	110	30
3H-1003	10	7	10	0.030	0.060	0.500	232	40
3H-0803	8	7	10	0.045	0.060	0.660	320	55
3H-0603	6	7	8	0.045	0.060	0.765	460	75
3H-0403	4	7	8	0.045	0.080	0.885	665	95
3H-0203	2	7	6	0.045	0.080	1.020	980	130
3H-0103	1	19	6	0.055	0.080	1.130	1,195	150
3H-1013	1/0	19	6	0.055	0.080	1.220	1,440	170
3H-2023	2/0	19	6	0.055	0.080	1.320	1,745	195
3H-3033	3/0	19	4	0.055	0.080	1.420	2,180	225
3H-4043	4/0	19	4	0.055	0.080	1.550	2,650	260
3H-2503	250	37	4	0.065	0.110	1.750	3,190	290
3H-3503	350	37	3	0.065	0.110	1.970	4,300	350
3H-5003	500	37	2	0.065	0.110	2.250	5,910	430