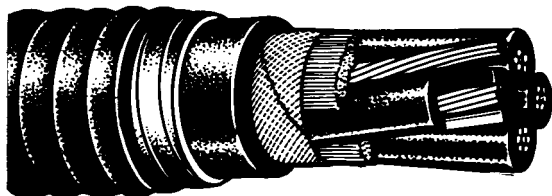


Product Data Sheet

600 V 12 AWG Multiconductor



Product Description

Galvanized steel or interlocked aluminum armor
XLP insulation
Inner and outer PVC jackets, interlocked armor

Applications

For exposed or concealed wiring in wet or dry locations. For use in ventilated, non-ventilated and ladder type cable troughs and ventilated flexible cableway in wet or dry locations. For direct earth burial. Typical applications are for power, lighting and control circuits in: pulp and paper mills, steel mills, food processing plants, commercial centers, mines, generating stations, refineries, industrial plants and chemical plants.

Specifications

- CONDUCTOR: Class B stranded, bare, soft copper
- INSULATION: Cross-Linked Polyethylene (XLP) as approved by CSA on Types RW90 XLP -40°C per CSA C22.2, No. 131, color code: 2/C black, white; 3/C red, black, blue; 4/C red, black, blue, white; more than 4/C numbered
- GROUNDING CONDUCTOR: 14 AWG uninsulated Class B stranded grounding conductor is included in the cable assembly
- ASSEMBLY: Multiple conductor cables are assembled with suitable fillers and binder tape
- INNER JACKET: Polyvinyl Chloride (PVC) heat-, flame- and moisture-resistant jacket, rated -40°C
- ARMOR: Aluminum or galvanized steel interlocking armor
- OVERALL JACKET: Polyvinyl Chloride (PVC) heat-, flame- and moisture-resistant jacket, rated -40°C, the standard color is black but colored jackets are available on request. Cable meets Ontario Hydro Spec. L-891 SM-77 flame test and FT4 vertical tray flame test
- AMPACITY: Based on 90°C column of Table 2 of the 2009 Canadian Electric Code, allowable ampacities for not more than three copper conductors in raceway or cable based on 30°C ambient temperature. Ampacity correction factors for number of conductors from Table 5C of the CEC
- TEMPERATURE: -40°C to 90°C
- VOLTAGE: 600 V

Product Data Sheet

Note: After catalog number use; "SJ" for steel, "AJ" for aluminum (e.g. 7TE-1203AJ). Diameters and weights may vary among manufacturers.

Part No.	No. of Conductors	Approx. Diameter Inner Jacket (in.)	Approx. Diameter Armor (in.)	Approx. Diameter Outer Jacket (in.)	Approx. Wt. lb./1,000 ft. Alum. Armor Jacketed	Approx. Wt. lb./1,000 ft. Alum. Armor Unjacketed	Approx. Wt. lb./1,000 ft. Steel Armor Jacketed	Approx. Wt. lb./1,000 ft. Steel Armor Unjacketed	Amps per Conductor
7TE-1202	2	0.410	0.610	0.710	230	165	355	290	20
7TE-1203	3	0.434	0.635	0.740	265	194	395	325	20
7TE-1204	4	0.480	0.680	0.790	305	230	445	370	16
7TE-1205	5	0.535	0.735	0.840	350	265	500	420	16
7TE-1206	6	0.610	0.810	0.915	415	325	590	495	16
7TE-1207	7	0.620	0.820	0.925	440	350	620	530	14
7TE-1208	8	0.670	0.870	0.975	485	390	670	580	14
7TE-1209	9	0.705	0.905	1.02	520	420	710	610	14
7TE-1210	10	0.755	0.955	1.06	600	495	870	770	14
7TE-1211	11	0.765	0.965	1.08	630	530	910	810	14
7TE-1212	12	0.890	0.990	1.10	670	560	950	850	14
7TE-1214	14	0.840	1.04	1.15	740	630	1,040	930	14
7TE-1215	15	0.855	1.06	1.17	770	660	1,080	960	14
7TE-1216	16	0.880	1.08	1.19	800	690	1,120	1,000	14
7TE-1217	17	0.945	1.15	1.25	890	760	1,220	1,100	14
7TE-1218	18	0.965	1.17	1.28	920	800	1,260	1,140	14
7TE-1219	19	0.975	1.18	1.29	950	830	1,300	1,180	14
7TE-1220	20	0.995	1.20	1.30	980	860	1,340	1,220	14
7TE-1225	25	1.130	1.31	1.42	1,160	1,020	1,560	1,420	12
7TE-1230	30	1.200	1.40	1.50	1,340	1,180	1,740	1,600	12
7TE-1240	40	1.340	1.54	1.65	1,660	1,480	2,100	1,940	12
7TE-1250	50	1.470	1.67	1.80	2,000	1,800	2,500	2,300	10
7TE-1260	60	1.690	1.85	1.98	2,400	2,150	3,000	2,800	10
7TE-1270	70	1.690	1.94	2.08	2,700	2,450	3,350	3,100	10
7TE-1280	80	1.850	2.10	2.24	3,150	2,900	4,000	3,750	10
7TE-1290	90	1.960	2.22	2.34	3,500	3,200	4,300	4,100	10
7TE-12100	100	2.060	2.30	2.46	3,850	3,500	4,750	4,400	10