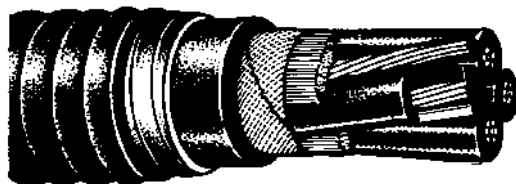


## 600 V 12 AWG Multiconductor



### 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

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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

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