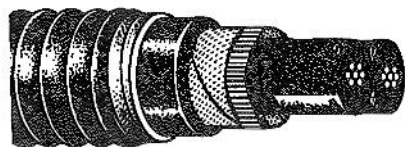


1 kV Two Conductor



Product Description

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

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.

Specifications

- CONDUCTOR: Class B stranded, bare, soft copper
- INSULATION: Cross-Linked Polyethylene (XLP)
- COLOR CODING: Surface color coding is standard for sizes up to and including AWG #6, for larger than sizes number coding is standard
- GROUNDING CONDUCTOR: An 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)
- ARMOR: Aluminum or galvanized steel interlocking armor
- OUTER 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
- STANDARDS: The cable is certified to CSA C22.2 No. 131 for Type Teck 90 and No. 174 for use in CSA Class 1, Division 1 hazardous locations (CSA HL rated). Cable passes IEEE 1202/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
- TEMPERATURE: -40°C to 90°C
- VOLTAGE: 1 kV

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After part number use; "SJ" for steel, "AJ" for aluminum, (e.g. 7TJ-1012AJ, 7TJ-3502AJ). Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG/kcmil	Ground Wire Size AWG	Nom. Diameter Inner Jacket (in.)	Nom. Diameter Armor (in.)	Nom. Diameter Outer Jacket (in.)	Approx. Wt. Alum. Armor lb./1,000 ft.	Approx. Wt. Steel Armor lb./1,000 ft.	Amps per Conductor
7TJ-1402	14	14	0.44	0.64	0.74	230	370	15
7TJ-1202	12	14	0.48	0.68	0.78	260	410	20
7TJ-1002	10	12	0.53	0.73	0.83	340	500	3
7TJ-0802	8	10	0.62	0.82	0.92	420	590	45
7TJ-0602	6	8	0.77	0.97	1.07	600	880	65
7TJ-0402	4	8	0.89	1.09	1.20	790	1,100	85
7TJ-0302	3	6	0.95	1.15	1.26	910	1,250	105
7TJ-0202	2	6	1.01	1.21	1.32	1,040	1,400	120
7TJ-0102	1	6	1.16	1.36	1.47	1,250	1,650	140
7TJ-1012	1/0	6	1.27	1.47	1.59	1,490	1,930	155
7TJ-2022	2/0	6	1.28	1.50	1.60	2,004	2,200	185
7TJ-3032	3/0	4	1.38	1.60	1.71	2,412	2,620	210
7TJ-4042	4/0	4	1.48	1.70	1.82	2,786	3,007	235
7TJ-2502	250	4	1.62	1.87	1.98	3,350	3,601	265
7TJ-3002	300	4	1.79	2.04	2.16	3,900	4,181	295
7TJ-3502	350	3	1.88	2.13	2.25	4,323	4,617	325
7TJ-4002	400	3	1.96	2.21	2.33	4,725	5,037	345
7TJ-5002	500	2	2.13	2.38	2.50	5,625	5,970	395
7TJ-6002	600	2	2.362	2.61	2.76	6,535	6,953	455
7TJ-7502	750	2	2.57	2.82	2.97	7,725	8,177	500

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