

Product Data Sheet

15 kV Three Conductor 133% Insulation Level



Product Description

Galvanized steel or interlocked aluminum armor
Shielded
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
- CONDUCTOR SHIELD: Cables have a semiconducting shield over the conductor
- INSULATION: Cross-Linked Polyethylene (XLP) 215 mils insulation thickness
- IDENTIFICATION: The insulated conductors are identified by means of a colored tape (black, red and blue) placed longitudinally under the copper tape metallic shield
- 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) heat-, flame- and moisture-resistant jacket, rated -40°C
- 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. Meets Ontario Hydro Spec. L-891 SM-77 flame test and FT4 vertical tray flame test
- AMPACITY: Refer to IEEE 835-1994 tables for ampacity values, and the Canadian Electrical Code for correction factors
- STANDARDS: The cable is certified to CSA C22.2 No. 131 and No. 174 for use in CSA Class 1, Division 1 hazardous locations (CSA HL rated) and CSA C68.3 and passes the FT4 vertical tray flame test
- TEMPERATURE: -40°C to 90°C
- VOLTAGE: 15 kV

Product Data Sheet

After part number use; "SJ" for steel, "AJ" for aluminum, (e.g. 7TPU-3033AJ). 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.	3M Terminations
7TPU-0103	1	6	2.10	2.362	2.52	3,000	3,950	034004
7TPU-1013	1/0	6	2.18	2.44	2.60	3,800	4,250	034004
7TPU-2023	2/0	6	2.28	2.52	2.68	3,850	4,650	037023
7TPU-3033	3/0	4	2.38	2.62	2.78	4,200	5,300	037023
7TPU-4043	4/0	4	2.40	2.74	2.90	4,750	5,900	037023
7TPU-2503	250	4	2.60	2.84	3.00	5,300	7,700	037023
7TPU-3503	350	3	2.80	3.06	3.22	6,500	9,523	037023
7TPU-5003	500	2	3.12	3.38	3.56	8,500	9,900	037023
7TPU-7503	750	2	3.52	3.78	3.96	11,400	12,800	057312
7TPU-10003	1000	1	3.86	4.10	4.30	14,200	15,800	057312