

2,400 V Three Conductor Nonshielded



Applications

For use in power circuits in industrial plants, commercial buildings, and central and substation utility applications. May be installed in trays, racks, hangers, etc., eliminating the need for conduit. Suitable for indoor and outdoor installation.

Specifications

- CONDUCTOR: Class B stranded, bare, annealed copper per ASTM B3, strand shield is an extruded semiconducting material
- INSULATION: Ethylene Propylene Rubber (EPR), insulated phase conductors are numbered
- ASSEMBLY: The three-phase conductors are cabled with a Class B stranded, uninsulated ground wire and fillers to make round, a binder tape is applied overall
- ARMOR: Aluminum interlocked armor
- OVERALL JACKET: Yellow, extruded, sunlight-resistant Polyvinyl Chloride (PVC)
- STANDARDS: UL Listed Type MV-90 per UL 1072 and Type MC per UL 1569, cable meets requirements of ICEA S-96-659 (NEMA WC 71). Cables are listed "for CT use" and meet the IEEE1202 (70,000 Btu/hr) and ICEA T-29-520 (210,000 Btu/hr) flame tests
- AMPACITY: Based on a three-conductor cable isolated in air with a conductor temperature of 90°C and an ambient temperature of 40°C per 2008 NEC table 310.71
- TEMPERATURE: 90°C
- VOLTAGE: 2,400 V

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Note: 0.090 in. insulation thickness or galvanized steel interlocked armor available upon request. Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG/kcmil	No. of Strands	Insulation Thickness (in.)	Ground Wire Size AWG	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
7B-0603A	6	7	0.115	6	0.050	1.300	905	79
7B-0403A	4	7	0.115	6	0.050	1.400	1,115	105
7B-0203A	2	7	0.115	6	0.050	1.530	1,430	140
7B-0103A	1	19	0.115	4	0.050	1.610	1,770	160
7B-1013A	1/0	19	0.115	4	0.060	1.720	2,025	185
7B-2023A	2/0	19	0.115	4	0.060	1.850	2,390	215
7B-4043A	4/0	19	0.115	3	0.060	2.080	3,395	285
7B-2503A	250	37	0.115	3	0.060	2.200	3,900	320
7B-3503A	350	37	0.115	2	0.060	2.460	5,105	395
7B-5003A	500	37	0.115	1	0.075	2.730	6,800	485
7B-7503A	750	61	0.115	1/0	0.075	3.140	9,400	615
7B-10003A	1000	61	0.115	1/0	0.085	3.510	12,870	705

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