

## 600 V Three Conductor



### Product Description

Aluminum interlocked armor  
XLP insulation  
90°C, 600 V

### 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 and B8 .
- INSULATION: Cross-Linked Polyethylene (XLP), Type XHHW-2, identified by numbering
- ASSEMBLY: The insulated conductors and a single ground wire are cabled with fillers to make round
- ARMOR: Aluminum interlocked armor
- OVERALL JACKET: Black, sunlight-resistant Polyvinyl Chloride (PVC)
- STANDARDS: Cables meet the UL 1685 and IEEE 1202 70,000 Btu/hr Vertical Tray Flame Tests and are marked "for CT use", individual conductors listed Type XHHW-2 per UL 44 and completed cable listed Type MC per UL 1569
- AMPACITY: Based on not more than three conductors in raceway or cable or earth based on an ambient temperature of 30°C per NEC table 310.16
- TEMPERATURE: 90°C
- VOLTAGE: 600 V

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Note: Galvanized steel interlocked armor available upon request. Use suffix "S" instead of "A." Constructions with oversize ground wires are available upon request: use suffix "A-OG" instead of "A." Oversize ground wire available for paralleling application. Special rules may apply when paralleling these cables. Contact us for application assistance. Diameters and weights may vary among manufacturers. Oversize ground wire available for paralleling application. Special rules may apply when paralleling these cables. Contact us for application assistance. 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
7A-0803A	8	7	0.045	10	0.050	0.800	410	55
7A-0603A	6	7	0.045	8	0.050	0.880	550	75
7A-0403A	4	7	0.045	8	0.050	0.990	740	95
7A-0203A	2	7	0.045	6	0.050	1.120	1,075	130
7A-0103A	1	19	0.055	6	0.050	1.270	1,380	150
7A-1013A	1/0	19	0.055	6	0.050	1.340	1,555	170
7A-2023A	2/0	19	0.055	6	0.050	1.430	1,850	195
7A-3033A	3/0	19	0.055	4	0.050	1.570	2,350	225
7A-4043A	4/0	19	0.055	4	0.060	1.680	2,820	260
7A-2503A	250	37	0.065	4	0.060	1.860	3,310	290
7A-3503A	350	37	0.065	3	0.060	2.100	4,475	350
7A-5003A	500	37	0.065	2	0.060	2.360	6,075	430
7A-7503A	750	61	0.080	1	0.075	2.920	8,960	535
7A-10003A	1000	61	0.080	1/0	0.085	3.250	11,500	615

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