

600 V Four 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, conductors are identified by numbering
- ASSEMBLY: The insulated conductors and two uninsulated, bare copper ground wires are cabled with fillers to make round
- ARMOR: Aluminum interlocked armor
- OVERALL JACKET: Blue, 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, completed cable listed Type MC per UL 1569
- AMPACITY: Based on not more than three conductors in raceway or cable or earth at an ambient temperature of 30°C per 2008 NEC table 310.16. All multiconductor values have been derated per 2008 NEC Table 310.15(B)(2)(a)
- TEMPERATURE: 90°C
- VOLTAGE: 600 V

Electrical and Electronic Wire & Cable • Enterprise Cabling & Security Solutions • Fasteners

Anixter Inc. World Headquarters • 2301 Patriot Boulevard, Glenview, IL 60026-8020 • 1.800.ANIXTER • 224.521.8000 • anixter.com

Anixter is a leading global supplier of communications and security products, electrical and electronic wire and cable, fasteners and other small components. We help our customers specify solutions and make informed purchasing decisions around technology, applications and relevant standards. Throughout the world, we provide innovative supply chain management solutions to reduce our customers' total cost of production and implementation.

Anixter does not manufacture the items described in this publication. Any applicable product warranties are provided by the manufacturers. To the fullest extent permitted by law, Anixter disclaims all warranties, either express or implied.

The information provided and any images shown are for descriptive purposes only. Anixter makes no warranty or representation, express or implied, about the accuracy or completeness of any information provided. Data and suggestions made in the publication are not to be construed as recommendations to purchase or as authorizations to use any products in violation of any law or regulation. All products are sold subject to Anixter's General Conditions of Sale.

Note: Galvanized steel interlocked armor available upon request. Use suffix "S" 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.

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-0804A	8	7	0.045	10	0.050	0.860	505	44
7A-0604A	6	7	0.045	8	0.050	0.950	685	60
7A-0404A	4	7	0.045	8	0.050	1.070	925	76
7A-0204A	2	7	0.045	6	0.050	1.220	1,290	104
7A-0104A	1	19	0.045	6	0.050	1.360	1,605	120
7A-1014A	1/0	19	0.055	6	0.050	1.460	1,935	136
7A-2024A	2/0	19	0.055	6	0.050	1.560	2,355	156
7A-3034A	3/0	19	0.055	4	0.060	1.710	2,935	180
7A-4044A	4/0	19	0.055	4	0.060	1.880	3,640	208
7A-2504A	250	37	0.065	7	0.060	2.040	4,210	232
7A-3504A	350	37	0.065	3	0.060	2.300	5,710	280
7A-5004A	500	37	0.065	2	0.075	2.630	7,910	344
7A-7504A	750	61	0.080	1	0.085	3.220	11,480	428

Electrical and Electronic Wire & Cable • Enterprise Cabling & Security Solutions • Fasteners

Anixter Inc. World Headquarters • 2301 Patriot Boulevard, Glenview, IL 60026-8020 • 1.800.ANIXTER • 224.521.8000 • anixter.com

Anixter is a leading global supplier of communications and security products, electrical and electronic wire and cable, fasteners and other small components. We help our customers specify solutions and make informed purchasing decisions around technology, applications and relevant standards. Throughout the world, we provide innovative supply chain management solutions to reduce our customers' total cost of production and implementation.

Anixter does not manufacture the items described in this publication. Any applicable product warranties are provided by the manufacturers. To the fullest extent permitted by law, Anixter disclaims all warranties, either express or implied.

The information provided and any images shown are for descriptive purposes only. Anixter makes no warranty or representation, express or implied, about the accuracy or completeness of any information provided. Data and suggestions made in the publication are not to be construed as recommendations to purchase or as authorizations to use any products in violation of any law or regulation. All products are sold subject to Anixter's General Conditions of Sale.