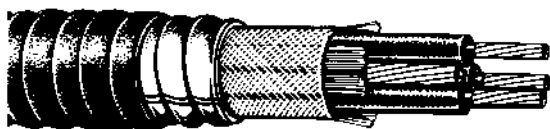


## 2,400 V Three Conductor Nonshielded



### Product Description

Continuous aluminum armor  
EPR insulation  
100% insulation level

### Applications

Primary power and lighting circuits in manufacturing and processing plants, feeders in industrial and commercial distribution systems, power supply to station auxiliaries in electric power stations and substations. May be used in wet or dry locations installed in open tray, trough or ladder.

### Specifications

- CONDUCTOR: Class B stranded, bare, annealed copper per ASTM B3 and B8, strand shield is an extruded semiconducting material
- INSULATION: Ethylene Propylene Rubber (EPR), the insulated phase conductors are printed with the numbers "1", "2" and "3"
- ASSEMBLY: The three-phase conductors are cabled with UL sized uninsulated ground wires and fillers to make round with a cable tape applied over the core
- ARMOR: An impervious, corrugated continuous seam-welded aluminum alloy sheath in accordance with UL 1569. Armor is pressure tested and meets the grounding requirements of NEC Article 250
- OVERALL JACKET: Yellow, sunlight-resistant Polyvinyl Chloride (PVC)
- STANDARDS: Cable are UL Listed Type MV-90 and Type MC-HL and meet ICEA S-96-659 (NEMA WC71) requirements. Cables pass the UL 1685, IEEE 1202 and CSA FT-4 (70,000 Btu/hr) and ICEA T-29-520 (210,000 Btu/hr) flame tests and are marked "for CT use"
- 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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Part No.	Conductor Size AWG/kcmil	No. of Strands	Ground Wire Size AWG	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. Diameter over Armor (in.)	Nom. Diameter over Jacket (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
7S-0403	4	7	3#10	0.090	0.050	1.35	1.45	1,068	105
7S-0203	2	7	3#10	0.090	0.050	1.47	1.57	1,387	140
7S-1013	1/0	19	3#8	0.090	0.060	1.59	1.71	1,918	185
7S-2023	2/0	19	3#8	0.090	0.060	1.76	1.88	2,223	215
7S-4043	4/0	19	3#6	0.090	0.060	2.04	2.16	3,282	285
7S-2503	250	37	3#6	0.090	0.060	2.20	2.32	3,640	320
7S-3503	350	37	3#6	0.090	0.075	2.43	2.58	4,952	395
7S-5003	500	37	3#4	0.090	0.075	2.67	2.82	6,562	485

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