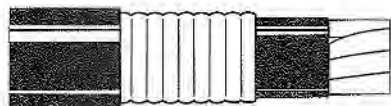


600 V Instrumentation



Product Description

Continuous aluminum armor
PVC/nylon insulation
90°C dry, 600 V

Applications

For use as instrumentation cable in areas where resistance to chemicals and flame is critical. May be used in wet or dry locations installed in open tray, trough or directly buried. May be installed in accordance with NEC Art. 725.

Specifications

- CONDUCTOR: Bare, annealed copper per ASTM B-3, class B stranded per ASTM B-8
- INSULATION: Polyvinyl Chloride (PVC/nylon)
- COLOR CODE: ICEA Method 1, pairs: black and white, triads: black, white and red
- PAIR/TRIAD SHIELD: Aluminum/polyester tape with tinned copper drain wire
- ASSEMBLY: Components are cabled with compatible fillers and an overall binder tape
- OVERALL SHIELD: Aluminum/polyester tape with tinned copper drain wire
- INNER JACKET: Polyvinyl Chloride (PVC) with rip cord
- ARMOR: Impervious, seam-welded, corrugated aluminum that is pressure-tested after application
- OVERALL JACKET: Polyvinyl Chloride (PVC)
- STANDARDS: Meets UL 1569 requirements for metal-clad cables (Type MC-HL), meets the requirements of the IEEE 383, IEEE 1202 and UL 1685 70,000 Btu flame tests
- TEMPERATURE: 90°C
- VOLTAGE: 600 V

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Note: POS - Pair with Overall Shield; TOS - Triad with Overall Shield; SPOS - Shielded pairs with overall shield. Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG	No. of Strands	No. of Pairs	No. of Triads	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
7I-1601POS	16	7	1		0.020	0.060	0.520	165
7I-1601TOS	16	7		1	0.020	0.060	0.520	171
7I-1602SPOS	16	7	2		0.020	0.060	0.760	249
7I-1604SPOS	16	7	4		0.020	0.060	0.900	365
7I-1604STOS	16	7		4	0.020	0.060	0.870	453
7I-1608SPOS	16	7	8		0.020	0.060	1.030	528
7I-1608STOS	16	7		8	0.020	0.060	1.170	738
7I-1612SPOS	16	7	12		0.020	0.060	1.340	744
7I-1624SPOS	16	7	24		0.020	0.060	1.680	1,288
7I-1802SPOS	18	7	2		0.020	0.060	0.760	224
7I-1804SPOS	18	7	4		0.020	0.060	0.860	294
7I-1808SPOS	18	7	8		0.020	0.060	1.030	441
7I-1812SPOS	18	7	12		0.020	0.060	1.170	569
7I-1824SPOS	18	7	24		0.020	0.060	1.590	995

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