

## PVC-Nylon/PVC Shielded Multipair



### Product Description

PVC-nylon insulation  
PVC jacket  
90°C, 600 V

### Applications

For use indoors or outdoors and for installation in trays, troughs, channels, ducts and direct burial. Designed for telemetering, signals, relays and communication. Permitted use in Class 1, Division 2 industrial hazardous locations per NEC.

### Specifications

- CONDUCTORS: Bare copper, Class B stranded per ASTM B-8
- INSULATION: Polyvinyl Chloride (PVC) and nylon, pairs are color coded black and white and numbered, triads are black, white, red and numbered
- SHIELDING: Tinned copper, where applicable, individual drain wires are used, also of seven-strand, tinned copper construction
- OVERALL JACKET: Sunlight-resistant Polyvinyl Chloride (PVC)
- STANDARDS: Meets the requirements of UL 1277 for type TC-ER (tray cable) for 3+ conductors and passes the UL 1685 vertical tray flame test
- TEMPERATURE: 90°C
- VOLTAGE: 600 V

POS-Pair(s) Overall Shield. SPOS-Shielded Pairs with Overall Shield. TOS-Triad(s) Overall Shield. Diameters and weights may vary among manufacturers.

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Part No.	Conductor Size AWG	No. of Pairs	No. of Triads	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
2AS-1801POS	18	1		0.045	0.280	41
2AS-1801TOS	18		1	0.045	0.300	49
2AS-1802POS	18	2		0.045	0.440	72
2AS-1803POS	18	3		0.045	0.465	90
2AS-1804POS	18	4		0.045	0.505	110
2AS-1806POS	18	6		0.060	0.598	167
2AS-1808POS	18	8		0.060	0.652	204
2AS-1812POS	18	12		0.060	0.770	277
2AS-1816POS	18	16		0.080	0.905	387
2AS-1824POS	18	24		0.080	1.055	532
2AS-1836POS	18	36		0.080	1.190	739
2AS-1802SPOS	18	2		0.045	0.445	84
2AS-1803SPOS	18	3		0.045	0.480	106
2AS-1804SPOS	18	4		0.045	0.555	145
2AS-1806SPOS	18	6		0.060	0.639	203
2AS-1808SPOS	18	8		0.060	0.700	250
2AS-1812SPOS	18	12		0.060	0.845	350
2AS-1816SPOS	18	16		0.080	0.960	475
2AS-1824SPOS	18	24		0.080	1.130	670
2AS-1836SPOS	18	36		0.080	1.345	957
2AS-1601POS	16	1		0.045	0.300	52
2AS-1601TOS	16		1	0.045	0.315	63
2AS-1602POS	16	2		0.045	0.470	93
2AS-1603POS	16	3		0.045	0.505	117
2AS-1604POS	16	4		0.060	0.575	160
2AS-1606POS	16	6		0.060	0.660	282
2AS-1608POS	16	8		0.060	0.745	330
2AS-1612POS	16	12		0.080	0.825	370
2AS-1616POS	16	16		0.020	0.970	513
2AS-1624POS	16	24		0.080	1.320	740
2AS-1636POS	16	36		0.080	1.285	1,290
2AS-1602SPOS	16	2		0.045	0.495	105
2AS-1603SPOS	16	3		0.045	0.520	137
2AS-1604SPOS	16	4		0.060	0.600	188
2AS-1606SPOS	16	6		0.060	0.685	270
2AS-1608SPOS	16	8		0.060	0.745	337
2AS-1612SPOS	16	12		0.080	0.940	498
2AS-1616SPOS	16	16		0.080	1.055	635
2AS-1624SPOS	16	24		0.080	1.260	903
2AS-1636SPOS	16	36		0.080	1.480	1,290
2AS-1401POS	14	1		0.045	0.360	65
2AS-1401TOS	14		1	0.045	0.360	94

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