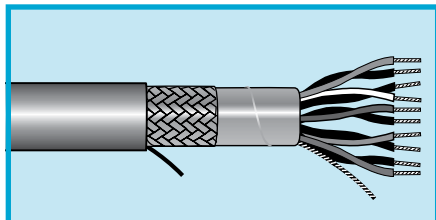


Communication and Control

300 V Foil/Braid Shield, Multipair, Foam PP, PVC

Alpha
Essentials



UL AWM 2919 (30 V)

UL CM

CSA CM

Applications

- RS-422
- Modems
- Multiplexers

Operating Temperature

- -20°C to +80°C (AWM)
- -20°C to +75°C (CM)

Conductor Color Coding

- Chart M

Materials

- Stranded tinned copper conductors
- Foam polypropylene insulation
- Foil + braid shield
Aluminum/polyester foil shield,
25% overlap min.
Foil facing outward
Stranded tinned copper drain
wire equal in size to conductor
Tinned copper braid,
65% coverage
- Slate PVC jacket

Availability

100 ft (30.5 m)
500 ft (152 m)
1000 ft (305 m)
Bulk, cut to length
(Minimums may apply)

28 AWG (0.09 mm²)

Stranding: 7/36 (7 x 0.13 mm)
Insulation thickness: 0.0145 (0.37 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M2487	2	0.234	5.94	0.032	0.81
M2488	3	0.252	6.40	0.032	0.81
M2489	4	0.271	6.88	0.032	0.81
M2490	5	0.292	7.42	0.032	0.81
M2492	7	0.314	7.98	0.032	0.81
M2493	8	0.336	8.53	0.032	0.81

Mutual capacitance: 11 pF/ft (36.1 pF/m)
Ground capacitance: 20 pF/ft (65.6 pF/m)

24 AWG (0.22 mm²)

Stranding: 7/32 (7 x 0.20 mm)
Insulation thickness: 0.0125 (0.32 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M3420	2	0.257	6.53	0.035	0.89
M3421	3	0.269	6.83	0.035	0.89
M3422	4	0.290	7.37	0.035	0.89
M3423	5	0.314	7.98	0.035	0.89
M3424	6	0.338	8.59	0.035	0.89
M3425	7	0.338	8.59	0.035	0.89
M3426	8	0.363	9.22	0.035	0.89
M3427	10	0.417	10.59	0.035	0.89
M3428*	12.5	0.429	10.90	0.035	0.89

Mutual capacitance: 12.5 pF/ft (41 pF/m)
Ground capacitance: 22 pF/ft (72.2 pF/m)

*Discrete conductor is polyethylene insulated.



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