

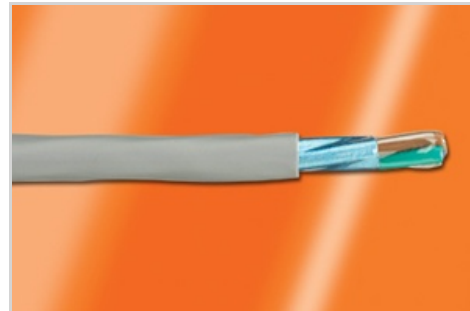


1-800-52-ALPHA

Home > Products > Cable > Manhattan™ Electrical Cable > Computer Cable > M3992

Part #	Type	Shielding	Voltage	AWG	# of Elements	Insulation Material	Jacket Material	Jacket Diameter	Capacitance	Applicable Specifications
M3992	Pair	FOIL/BRAID	300	24	4	PE	PVC	0.318	23	CA Prop 65, CSA CM, UL AWM 2919, UL CM

## PART NO. M3992



This picture is representative only and may not match the specific configuration of the product listed on this page. Please refer to the product specifications for more information on this part number and its exact configuration.

### A perfect FIT for this product...

#### FIT® Heat-Shrink Tubing

Whether your concerns are mechanical strain relief, environmental sealing, or organizing wires, Alpha Wire's FIT® heat-shrink tubing is ideal for solving many challenges in electrical and electronic wiring.



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Bringing order to wire harnesses and cable routing means a system that is more reliable, easier to fabricate, and simpler to maintain. Let Alpha Wire help you solve wire management problems.



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### Construction

		Diameters (In)																			
1) Component 1	4 X 1 PAIR																				
a) Conductor	24 (7/32) AWG TC		0.024																		
b) Insulation	0.016" Wall, Nom. Polyethylene(PE)		0.056																		
(1) Color Code	Alpha Wire Color Code M																				
<table border="1"> <thead> <tr> <th>Pair</th> <th>Color</th> <th>Pair</th> <th>Color</th> <th>Pair</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>BLUE/WHITE - WHITE/BLUE</td> <td>3</td> <td>GREEN/WHITE - WHITE/GREEN</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>ORANGE/WHITE - WHITE/ORANGE</td> <td>4</td> <td>BROWN/WHITE - WHITE/BROWN</td> <td></td> <td></td> </tr> </tbody> </table>				Pair	Color	Pair	Color	Pair	Color	1	BLUE/WHITE - WHITE/BLUE	3	GREEN/WHITE - WHITE/GREEN			2	ORANGE/WHITE - WHITE/ORANGE	4	BROWN/WHITE - WHITE/BROWN		
Pair	Color	Pair	Color	Pair	Color																
1	BLUE/WHITE - WHITE/BLUE	3	GREEN/WHITE - WHITE/GREEN																		
2	ORANGE/WHITE - WHITE/ORANGE	4	BROWN/WHITE - WHITE/BROWN																		
c) Pair	2/Cond Cabled Together																				
(1) Twists:	8.0 Twists/foot (min)																				
2) Cable Assembly	4 Components Cabled																				
a) Twists:	3.7 Twists/foot (min)																				
3) Shield:	Alum/Mylar Tape, 25% Overlap, Min.																				
a) Foil Direction	Foil Facing Out																				
b) Drain Wire	24 (7/32) AWG TC																				
c) Braid	TC,90% Coverage, Min.																				
4) Jacket	0.035" Wall, Nom.,PVC		0.318 (0.333 Max.)																		
a) Color(s)	SLATE																				
b) Ripcord	1 End 810 Denier Nylon																				
c) Print	ALPHA WIRE-* P/N M3992 4PR 24 AWG EXXXXXX SHIELDED 75C CM (UL) C(UL) OR AWM 2919 LOW VOLTAGE COMPUTER CABLE CE ROHS																				
	* = Factory Code																				
	[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]																				

### Applicable Specifications

1) UL	AWM/STYLE 2919	80°C / 30 V <sub>RMS</sub>
	CM	75°C
2) CSA International	C(UL) TYPE CM	75°C
3) CE:	EU Low Voltage Directive 2006/95/EC	

### Environmental

1) CE: EU Directive 2011/65/EU(RoHS2):	This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011. No Exemptions are required for RoHS Compliance on this item. Consult Alpha Wire's web site for RoHS C of C.
2) REACH Regulation (EC 1907/2006):	This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. For up-to-date information, please see Alpha's REACH SVHC Declaration.
3) California Proposition 65:	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.

### Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 80°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	38 Lbs, Maximum
Electrical Properties	
	(For Engineering purposes only)

1) Voltage Rating	300 V <sub>RMS</sub>
2) Characteristic Impedance	120 Ω
3) Mutual Capacitance	12.8 pf/ft @1 kHz, Nominal
4) Ground Capacitance	23 pf/ft @1 kHz, Nominal
5) Velocity of Propagation	66 %

#### Other

<b>Packaging</b>	Flange x Traverse x Barrel (inches)
a) 2000 FT	24 x 14 x 12 Continuous length
b) 1000 FT	18 x 12 x 8 Continuous length
c) 500 FT	12 x 10 x 5 Continuous length
d) 100 FT	12 x 4.5 x 3.5 Continuous length
e) Bulk (Made-to-order)	

*[Spool dimensions may vary slightly]*

#### Notes:

- a) 2000 ft. Put-up available by special order only.

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