

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1219/25C

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Issue: 4
Issue Date: 5/19/2005
Effective Date: 8/1/2005

A. Construction

1) Component 1	25 X 1 COND	<u>Diameters</u>
a) Conductor	24 (7/32) AWG TC	
b) Insulation	0.010" Wall, Nom. PVC	0.044
(1) Color Code	Alpha Wire Color Code D	

Cond	Color	Cond	Color	Cond	Color
1	BLACK	10	GRAY	19	WHITE/YELLOW
2	RED	11	PINK	20	WHITE/BLUE
3	WHITE	12	TAN	21	WHITE/BROWN
4	GREEN	13	RED/GREEN	22	WHITE/ORANGE
5	ORANGE	14	RED/YELLOW	23	WHITE/GRAY
6	BLUE	15	RED/BLACK	24	WHITE/VIOLET
7	BROWN	16	WHITE/BLACK	25	WHITE/BLACK/RED
8	YELLOW	17	WHITE/RED		
9	VIOLET	18	WHITE/GREEN		

2) Cable Assembly	25 Components Cabled	
a) Twists:	3.0 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	
4) Jacket	0.032" Wall, Nom.,PVC	0.332 (0.351 Max.)
a) Color(s)	GRAY	
b) Print	ALPHA WIRE-* P/N 1219/25C 25/C 24 AWG SHIELDED 75C (UL) TYPE CM OR AWM 2576 --- LLXXXXXX CSA TYPE CMG FT4 ROHS * = Factory Code	

[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]

B. Industry Approvals

1) UL	AWM/STYLE2576	80°C / 150V
	CM	75°C
	VW-1	
2) CSA International	CMG	60°C
	FT4	
3) EU Directive 2002/95/EC(RoHS):		

All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for compliance Date of Manufacture.

4) California Proposition 65: The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.

C. Physical & Mechanical Properties

1) Temperature Range	-20 to 80°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	91 Lbs, Maximum

D. Electrical Properties (For Engineering purposes only)

1) Voltage Rating	300 V _{RMS}
2) Capacitance	45 pf/ft @1 kHz, Nominal Conductor to Conductor
3) Ground Capacitance	81 pf/ft @1 kHz, Nominal
4) Inductance	0.19 µH/ft, Nominal
5) Conductor DCR	26 Ω/1000ft @20°C, Nominal
6) OA Shield DCR	13.4 Ω/1000ft @20°C, Nominal

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E. Other

- 1) Packaging
 - a) 1000 FT
 - b) 500 FT
 - c) 100 FT

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