

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1219/10C	Issue: 4
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	Effective Date: 8/1/2005

- A. Construction** Diameters (In)
- 1) Component 1 10 X 1 COND
 - a) Conductor 24 (7/32) AWG TC
 - b) Insulation 0.010" Wall, Nom. PVC 0.044
 - (1) Color Code Alpha Wire Company Color Code D

Cond	Color	Cond	Color	Cond	Color
1	BLACK	5	ORANGE	9	VIOLET
2	RED	6	BLUE	10	SLATE
3	WHITE	7	BROWN		
4	GREEN	8	YELLOW		

- 2) Cable Assembly 10 Components Cabled
- a) Twists: 4.8 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 0.244 (0.258 Max.)
 - a) Color(s) SLATE
 - b) Print ALPHA WIRE-* P/N 1219/10C 10C 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/STYLE 2576 80°C / 150 V_{RMS}
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 39 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 15.9 Ω/1000ft @20°C, Nominal

E. Other

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

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