

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 6373
Page 1 of 1 Pages

Issue: 3
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A. Construction

Diameters (In)

- 1) Component 1 2 X 1 PAIR
 - a) Conductor 22 (7/30) AWG TC
 - b) Insulation 0.010" Wall, Nom. PVC, Semi Rigid 0.050
 - (1) Color Code Alpha Wire Company Color Code A
- | Pair | Color | Pair | Color | Pair | Color |
|------|-----------|------|-------------|------|-------|
| 1 | BLACK-RED | 2 | BLACK-WHITE | | |
- c) Pair 2/Cond Cabled Together
 - (1) Twists: 8.0 Twists/foot (min)
 - 2) Cable Assembly 2 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
 - c) Braid TC, 65% Coverage, Min.
 - 4) Jacket 0.032" Wall, Nom., PVC 0.254 (0.267 Max.)
 - a) Color(s) SLATE
 - b) Print ALPHA WIRE-* P/N 6373 2PR 22 AWG
SHIELDED 75C (UL) TYPE CM OR AWM 2464 --- 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 2464 80°C / 300 VRMS
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 29 Lbs, Maximum

D. Electrical Properties

- (For Engineering purposes only)
- 1) Voltage Rating 300 VRMS
- 2) Characteristic Impedance 70 Ω
- 3) Mutual Capacitance 40 pf/ft @1 kHz, Nominal
- 4) Ground Capacitance 72 pf/ft @1 kHz, Nominal
- 5) Conductor DCR 16.5 Ω/1000ft @20°C, Nominal
- 6) OA Shield DCR 4.6 Ω/1000ft @20°C, Nominal

E. Other

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

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