

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 3337
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Issue: 4
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A. Construction

Diameters (In)

- 1) Component 1 8 X 1 COND
- a) Conductor 22 (19/34) AWG TC
- b) Insulation 0.010" Wall, Nom. PVC/ 0.003" Wall NYLON 0.058
- (1) Color Code Alpha Wire Company Color Code F

Cond	Color	Cond	Color	Cond	Color
1	BLACK	4	GREEN	7	WHITE/BLACK
2	WHITE	5	ORANGE	8	RED/BLACK
3	RED	6	BLUE		

- 2) Cable Assembly 8 Components Cabled
- a) Twists: 4.4 Twists/foot (min)
- b) Core Wrap Clear Mylar Tape, 25% Overlap, Min.
- 3) Shield TC BRAID Shield, 90% Coverage, Min.
- 4) Jacket 0.025" Wall, Nom., PVC 0.274 (0.294 Max.)
- a) Color(s) SLATE
- b) Print ALPHA WIRE-* P/N 3337
- ROHS
- * = Factory Code

B. Industry Approvals

- 1) Military
 - a) Component 1 MIL-W-16878/Type B/N 106°C / 600 V_{RMS}
- 2) 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.
- 3) 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 -55 to 105°C
- 2) Bend Radius 10X Cable Diameter
- 3) Pull Tension 56 Lbs, Maximum

D. Electrical Properties

- (For Engineering purposes only)
- 1) Voltage Rating 600 V_{RMS}
- 2) Capacitance 44 pf/ft @1 kHz, Nominal Conductor to Conductor
- 3) Ground Capacitance 79 pf/ft @1 kHz, Nominal
- 4) Inductance 0.19 µH/ft, Nominal
- 5) Conductor DCR 15.3 Ω/1000ft @20°C, Nominal
- 6) OA Shield DCR 2.6 Ω/1000ft @20°C, Nominal

E. Other

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

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