

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 6344
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Issue: 3
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A. Construction

Diameters (In)

- 1) Component 1 8 X 1 COND
a) Conductor 22 (7/30) AWG TC
b) Insulation 0.010" Wall, Nom. PVC, Semi Rigid 0.050
(1) Color(s)

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

- 2) Cable Assembly 8 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 0.256 (0.269 Max.)
a) Color(s) SLATE
b) Print ALPHA WIRE-* P/N 6344 8C 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 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 51 Lbs, Maximum

D. Electrical Properties

- (For Engineering purposes only)
1) Voltage Rating 300 V_{RMS}
2) Capacitance 36 pf/ft @1 kHz, Nominal Conductor to Conductor
3) Ground Capacitance 65 pf/ft @1 kHz, Nominal
4) Inductance 0.18 µH/ft, Nominal
5) Conductor DCR 16.4 Ω/1000ft @20°C, Nominal
6) OA Shield DCR 4.7 Ω/1000ft @20°C, Nominal

E. Other

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

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