ALPHA WIRE COMPANY **CUSTOMER PRODUCT SPECIFICATION**

Part Number: 6308 3 Issue:

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A. Construction Diameters (In)

1) Component 1 20 X 1 COND 24 (7/32) AWG TC Conductor

0.010" Wall, Nom. PVC, Semi Rigid Insulation 0.044

(1) Color Code Alpha Wire Company Color Code F

Cond	Color	Cond	Color	Cond	Color
1	BLACK	8	RED/BLACK	15	BLUE/WHITE
2	WHITE	9	GREEN/BLACK	16	BLACK/RED
3	RED	10	ORANGE/BLACK	17	WHITE/RED
4	GREEN	11	BLUE/BLACK	18	ORANGE/RED
5	ORANGE	12	BLACK/WHITE	19	BLUE/RED
6	BLUE	13	RED/WHITE	20	RED/GREEN
7	WHITE/BLACK	14	GREEN/WHITE		

2) Cable Assembly 20 Components Cabled a) Twists: 3.7 Twists/foot (min)

Shield: Alum/Mylar Tape, 25% Overlap, Min.

Foil Direction Foil Facing Out a) b) Drain Wire 24 (7/32) AWG TC

Jacket 0.032" Wall, Nom., PVC 0.298 (0.315 Max.)

Color(s) SLATE a)

ALPHA WIRE-* P/N 6308 20C 24 AWG b) Print

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}

75°C CM

VW-1

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.

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

Bend Radius 10X Cable Diameter 3) Pull Tension 74 Lbs, Maximum

D. Electrical Properties (For Engineering purposes only)

1) Voltage Rating

Capacitance 32 pf/ft @1 kHz, Nominal Conductor to Conductor 2)

3) **Ground Capacitance** 58 pf/ft @1 kHz, Nominal 4) Inductance 0.19 µH/ft, Nominal

Conductor DCR 26 Ω/1000ft @20°C, Nominal 5) OA Shield DCR 15.9 Ω/1000ft @20°C, Nominal 6)

E. Other

1) Packaging

a) 1000 FT 500 FT b) 100 FT

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