

Customer Specification

PART NO. 6008C

Construction

						Diameters ("in")	
1) Component 1						15 x 1 PAIR	
a) Conductor						22 (SOLID) AWG Tinned Copper	
b) Insulation						0.010" Wall, Nom. Polypropylene (PP)	
(1) Color Code						Alpha Wire Color Code A	
Pair	Color	Pair	Color	Pair	Color		
1	BLACK-RED	6	BLACK-YELLOW	11	RED-YELLOW		
2	BLACK-WHITE	7	BLACK-ORANGE	12	RED-BROWN		
3	BLACK-GREEN	8	RED-GREEN	13	RED-ORANGE		
4	BLACK-BLUE	9	RED-WHITE	14	GREEN-BLUE		
5	BLACK-BROWN	10	RED-BLUE	15	GREEN-WHITE		
c) Pair						2/Cond Cabled Together	
(1) Twists						9.6 Twists/foot (min.)	
Individually Applied							
d) Shield						Foil Free Alum/Mylar Tape, 25% Overlap (min.)	
(1) Foil Direction						Foil Facing In	
(2) Drain Wire						22 (SOLID) AWG Tinned Copper	
2) Cable Assembly						15 Components Cabled	
a) Twists						2.1 Twists/foot (min.)	
b) Orientation						Components to be arranged from INSIDE LAYER-to-OUTSIDE LAYER	
c) Core Wrap						Clear Mylar Tape, 25% Overlap (min.)	
3) Jacket						0.058" Wall, Nom. PVC	
a) Color(s)						SLATE	
b) Print						ALPHA WIRE-* P/N 6008C 15PR 22 AWG EXXXXX SHIELDED 75C (UL) C(UL) CMG FT4 OR AWM 2493 CE ROHS * = Factory Code <i>Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.</i>	

Applicable Specifications

1) UL	AWM/STYLE 2493	60°C
	CM	75°C
	VW-1	
2) CSA International	CMG	60°C
	FT4	
3) CE	EU Low Voltage Directive 2014/35/EU	

Environmental

1) CE: EU Directive 2011/65/EU(RoHS2), EU Directive 2015/863/EU (RoHS3)	
	This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011 and the amending Directive 2015/863/EU of 4 June 2015 . No Exemptions are required for RoHS Compliance on this item.
2) REACH Regulation (EC 1907/2006)	
	This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item.
3) California Proposition 65	
	This product may contain substances known to the State of California to cause Cancer or Reproductive Harm, but is exempt from labeling based on the Consent Judgement. See the Alpha Wire website for more detail.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 75°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	226 lbs. (max.)
Electrical Properties	
<i>For Engineering purposes only</i>	
1) Voltage Rating	300 V _{RMS}
2) Characteristic Impedance	62 ω
3) Inductance	0.19 μ H/ft, Nominal
4) Mutual Capacitance	25 pF/ft @1 kHz, Nominal
5) Ground Capacitance	45 pF/ft @1 kHz, Nominal
6) Conductor DCR	17.3 ω /1000ft @20°C, Nominal
7) Ind. Shield DC Resistance	15 ω /1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	30 x 14 x 12 Continuous Length
	<i>Spool dimensions may vary slightly.</i>

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