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 000 **3472C**

Construction

						Diameter ("in")	
1) Component 1						2 x 1 PAIR	
a) Conductor						28 (7/36) AWG Tinned Copper	0.015
b) Insulation						0.010" Wall, Nom. PVC, Semi-Rigid	0.035
(1) Color Code						Alpha Wire Color Code A	
Pair	Color	Pair	Color	Pair	Color		
1	BLACK-RED	2	BLACK-WHITE				
c) Pair						2/Cond Cabled Together	
(1) Twists						12.0 Twists/foot (min.)	
2) Cable Assembly						2 Components Cabled	
a) Twists						8.0 Twists/foot (min.)	
b) Orientation						Components to be arranged from INSIDE LAYER-to-OUTSIDE LAYER	
3) Shield						Alum/Mylar Tape, 25% Overlap (min.)	
a) Foil Direction						Foil Facing Out	
b) Drain Wire						28 (7/36) AWG Tinned Copper	
c) Braid						Tinned Copper, 65% Coverage (min.)	
4) Jacket						0.035" Wall, Nom. PVC	0.211 (0.224 max.)
a) Color(s)						SLATE	
b) Print						ALPHA WIRE-* P/N 3472C 2PR 28 AWG SHIELDED 75C (UL) TYPE CL2 OR AWM 2464 OR C(UL) 60C TYPE CMG FT4 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 2464	80°C / 300 V _{RMS}
	CL2	75°C
	VW-1	
2) CSA International	C(UL) TYPE 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 80°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	9.5 lbs. (max.)
Electrical Properties <i>For Engineering purposes only</i>	
1) Voltage Rating	300 V _{RMS}
2) Inductance	0.22 µH/ft, Nominal
3) Mutual Capacitance	21 pF/ft @1 kHz, Nominal
4) Ground Capacitance	38 pF/ft @1 kHz, Nominal
5) Conductor DCR	66 ω/1000ft @20°C, Nominal
6) OA Shield DCR	6.2 ω/1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	12 x 10.5 x 5 Continuous Length
	<i>Spool dimensions may vary slightly.</i>

www.alphawire.com

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Lead
Mercury
Cadmium
Hexavalent Chromium
Polybrominated Biphenyls (PBB)
Polybrominated Diphenyl Ethers (PBDE),
Including Deca-BDE
Bis(2-ethylhexyl) phthalate (DEHP)
Butyl benzyl phthalate (BBP)
Dibutyl phthalate (DBP)
Diisobutyl phthalate (DIBP)

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