

## Customer Specification

### PART NO. 24RC2S06

## Construction

						Diameters (In)	
1) Component 1						2 X 1 COND	
a) Conductor						24 (19/36) AWG SPC	0.025
b) Insulation						0.009" Wall, Nom. PTFE	0.043
(1) Color(s)							
Cond	Color	Cond	Color	Cond	Color		
1	WHITE	2	WHITE/BLUE				
2) Cable Assembly						2 Components Cabled	
a) Twists:						9.6 Twists/foot (min)	
3) Shield						SPC BRAID Shield,85% Coverage, Min.	
4) Jacket						0.010" Wall, Nom.,PTFE Tape	0.124 (0.131 Max.)
a) Color(s)						WHITE	

## Applicable Specifications

1) Other		
a) Component 1	SAE-AS22759/11	
b) Overall	NEMA WC27500 Type RC	
2) CE:	EU Low Voltage Directive 2006/95/EC	

## Environmental

1) CE: EU Directive 2011/65/EU(RoHS2):	
	This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011. No Exemptions are required for RoHS Compliance on this item. Consult Alpha Wire's web site for <a href="#">RoHS C of C</a> .
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. For up-to-date information, please see <a href="#">Alpha's REACH SVHC Declaration</a> .

## Properties

Physical & Mechanical Properties	
1) Temperature Range	-55 to 200°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	7.5 Lbs, Maximum
Electrical Properties (For Engineering purposes only)	
1) Voltage Rating	600 V <sub>RMS</sub>
2) Capacitance	23.6 pf/ft @1 kHz, Nominal Conductor to Conductor
3) Ground Capacitance	42 pf/ft @1 kHz, Nominal
4) Characteristic Impedance	62 Ω
5) Inductance	0.18 μH/ft, Nominal
6) Conductor DCR	22.4 Ω/1000ft @20°C, Nominal

## Other

Packaging	Flange x Traverse x Barrel (inches)
a) 100 FT	6.5 x 2 x 1.9 Continuous length
b) Bulk(Made-to-order)	Quantity = 2500 ft.: 8 pieces maximum, 100 ft. min length Quantity 2500="" ft.:="" 5="" pieces="" maximum,="" 100="" ft.="" min="" length="">
	<i>[Spool dimensions may vary slightly]</i>

[www.alphawire.com](http://www.alphawire.com)

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Alpha Wire □□□□24RC2S06

**Alpha** 2011/65/EU RoHS 2015/863/EU  
RoHS SJ/T 11364-2014

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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0.01% (100 ppm)

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