

Customer Specification

PART NO. 24RC3S06

Construction

						Diameters (In)	
1) Component 1						3 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	3	WHITE/ORANGE		
2) Cable Assembly						3 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	0.131 (0.139 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

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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 RoHS C of C .
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 Alpha's REACH SVHC Declaration .
3) California Proposition 65:	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-55 to 200°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	11.2 Lbs, Maximum
Electrical Properties (For Engineering purposes only)	
1) Voltage Rating	600 V _{RMS}
2) Capacitance	21.3 pf/ft @1 kHz, Nominal Conductor to Conductor
3) Ground Capacitance	38 pf/ft @1 kHz, Nominal
4) Inductance	0.18 µH/ft, Nominal
5) Conductor DCR	22.5 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>

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Alpha Wire □□□□24RC3S06

Alpha 2011/65/EU RoHS2015/863/EURoHSSJ/T 11364-2014

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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)

555

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