

□□□□□

□□□ **65105**

Construction

						Diameters (In)	
1) Component 1						5 X 1 COND	
a) Conductor						10 (105/30) AWG Bare Copper	0.118
b) Insulation						0.022" Wall, Nom. PVC	0.162
(1) Print						ALPHANUMERIC NUMBERS - 1-ONE ALTERNATING AND INVERTED	
(2) Color(s)							
Cond	Color	Cond	Color	Cond	Color		
1	BLACK #1	3	BLACK #3	5	YELLOW/GRE		
2	BLACK #2	4	BLACK #4				
2) Cable Assembly						5 Components Cabled	
a) Twists:						2.3 Twists/foot (min)	
b) Orientation:						Components to be arranged from INSIDE LAYER to OUTSIDE LAYER	
3) Jacket						0.090" Wall, Nom.,PVC, Oil Resistant	0.629+/- 0.023
a) Color(s)						SLATE	
b) Jacket Separator						Tissue Tape, 25% Overlap, Min.	
c) Print						ALPHA WIRE-* P/N 65105 5C 10 AWG XTRAGUARD(R) FLEXIBLE CONTROL CABLE RU AWM 2587 CLASS K OR CRU AWM I/II A/B FT1 90C 600V CE ROHS (SEQ FOOTAGE) * = Factory Code	

Applicable Specifications

1) UL	AWM/STYLE 2587	90°C / 600 V _{RMS}
2) CSA International	C(RU) AWM I/II A/B	90°C / 600 V _{RMS}
	FT1	
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 information.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-40 to 90°C(static), -5 to 90°C (dynamic)
2) Bend Radius	5X Cable Diameter(static), 5X Cable Diameter(dynamic)
3) Pull Tension	412 Lbs, Maximum
Electrical Properties	
(For Engineering purposes only)	
1) Voltage Rating	600 V _{RMS}
2) Capacitance	36 pF/ft @1 kHz, Nominal Conductor to Conductor
3) Inductance	0.15 µH/ft, Nominal
4) Conductor DCR	1.02 Ω/1000ft @20°C, Nominal

Other

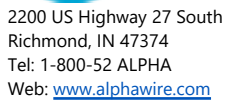
Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	30 x 14 x 12 Continuous length
b) 500 FT	24 x 14 x 12 Continuous length
c) 100 FT	18 x 9 x 8 Continuous length
	<i>[Spool dimensions may vary slightly]</i>

Alpha Wire
2200 US Highway 27 South
Richmond, IN 47374

Alpha Wire "Alpha" 00000000000000000000 00000000000000000000000000000000 00000000000000000000000000000000
00000Alpha0000000000000000000000000000
00000Alpha00000000000000000000000000 00000

ALPHA WIRE - CONFIDENTIAL AND PROPRIETARY Notice to persons receiving this document and/or technical information. This document is confidential and is the exclusive property of ALPHA WIRE, and is merely on loan and subject to recall by ALPHA WIRE at any time. By taking possession of this document, the recipient acknowledges and agrees that this document cannot be used in any manner adverse to the interests of ALPHA WIRE, and that no portion of this document may be copied or otherwise reproduced without the prior written consent of ALPHA WIRE. In the case of conflicting contractual provisions, this notice shall govern the status of this document.

©2019 ALPHA WIRE - all rights reserved.



□□□□

65105□□□RoHS□□□□ 2005/3/1 □□□□□□

□□□□□□□□0.1% (1000 ppm)

DeBW

