

# Customer Specification

## PART NO. 3053

### ProductConstruction

|                |                                                                                                                                                                                                                                                                                                                                        | Diameters (In) |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 1) Component 1 | 1 X 1 HOOKUP                                                                                                                                                                                                                                                                                                                           |                |
| a) Conductor   | 20 (10/30) AWG TC                                                                                                                                                                                                                                                                                                                      | 0.037          |
| b) Insulation  | 0.016" Wall, Nom. PVC                                                                                                                                                                                                                                                                                                                  | 0.069+/- 0.002 |
| (1) Print      | ALPHA WIRE E163869-* RU AWM STYLES 1569 105C<br>OR 1007 80C VW-1 300V 20 AWG ---- LXXXX CSA<br>TR-64 90C FT1 ROHS<br>{0} * = Factory Code<br><i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i>                                                                                                |                |
| (2) Color(s)   | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN<br>ORANGE, SLATE, VIOLET, WHITE/BLACK, WHITE/RED<br>WHITE/GREEN, WHITE/YELLOW, WHITE/BLUE<br>WHITE/BROWN, WHITE/ORANGE, WHITE/SLATE<br>WHITE/VIOLET, GREEN/YELLOW, YELLOW/GREEN, PINK<br>RED/BLACK, RED/WHITE, RED/BLUE, BLUE/WHITE<br>BLACK/WHITE, BLUE/BLACK, PINK/BLACK, YELLOW/WHITE |                |

### ProductIndustryApprovals

|                      |                |                              |
|----------------------|----------------|------------------------------|
| 1) UL                | AWM/STYLE 1007 | 80°C / 300 V <sub>RMS</sub>  |
|                      | AWM/STYLE 1569 | 105°C / 300 V <sub>RMS</sub> |
|                      | VW-1           |                              |
| 2) CSA International | TR-64          | 90°C                         |
|                      | FT1            |                              |

### ProductEnvironmental

|                                     |                                                                                                                                                                                                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) EU Directive 2011/65/EU(RoHS2):  |                                                                                                                                                                                                                                                                 |
|                                     | All materials used in the manufacture of this part are in compliance with European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. 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.                                                                                                                                            |

### ProductProperties

|                                  |                                 |
|----------------------------------|---------------------------------|
| Physical & Mechanical Properties |                                 |
| 1) Temperature Range             | -40 to 105°C                    |
| 2) Bend Radius                   | 10X Cable Diameter              |
| 3) Pull Tension                  | 7.9 Lbs, Maximum                |
| Electrical Properties            | (For Engineering purposes only) |
| 1) Voltage Rating                | 300 V <sub>RMS</sub>            |
| 2) Inductance                    | 0.05 µH/ft, Nominal             |
| 3) Conductor DCR                 | 11.4 Ω/1000ft @20°C, Nominal    |

Product

Other

|                                                                                                       |                                             |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <b>Packaging</b>                                                                                      | Flange x Traverse x Barrel (inches)         |
| a) 5000 FT                                                                                            | 12 x 4.5 x 3.5 Continuous length            |
| b) 1000 FT                                                                                            | 6.5 x 4 x 2.5 Continuous length             |
| c) 100 FT                                                                                             | 2.75 x 2 x 1.125 Continuous length          |
|                                                                                                       | <i>[Spool dimensions may vary slightly]</i> |
| <b>Notes:</b>                                                                                         |                                             |
| a) Certain colors and put-up combinations may only be available by special order, minimums may apply. |                                             |

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

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