



Hueson Wire  
 134 Ferry St.  
 South Grafton, Ma 01560  
 www.huesonwire.com

**Issue Date:**

**Issue: 1**

**Construction**


| <b>Description: 8/C Composite 3/C 20 AWG + 5/C 14 AWG PVC/PVC</b> |  | <b>Diam. (In)</b> |
|---|--|-------------------|
| <b>Components:</b>  | 8 Conductors   |                   |
| <b>Conductor #1:</b>  | 20 AWG 7/28 Bare Copper <span style="float: right;">3 Conductors</span>                        | 0.038 "           |
| <b>Insulation:</b>  | 0.016" Premium Grade PVC   | 0.07 "            |
| <b>Color Code:</b>  | Yellow, Orange, White <span style="float: right;">0.07 +/- .003"</span>                        | 0.07 "            |
| <b>Conductor #2:</b>  | 14 AWG 19/27 Bare Copper <span style="float: right;">5 Conductors</span>                       | 0.071 "           |
| <b>Insulation:</b>  | 0.016" Premium Grade PVC   | 0.103 "           |
| <b>Color Code:</b>  | Black, Blue, Brown, Red, Green <span style="float: right;">0.103 +/- .003"</span>              | 0.103 "           |
| <b>Cable Assembly:</b>  | Bunch Cable 8 Conductors   | 0.299 "           |
| <b>Fillers</b>  | Fibrillated polypropylene or solid fillers for roundness                                       | 0.299 "           |
| <b>Separator:</b>   | Non-Woven Polyester Wrapping   | 0.303 "           |
| <b>Jacket:</b>  | 0.035 Flexible PVC, Oil, Moisture UV , VW-1 <span style="float: right;">0.385 +/- .010"</span> | 0.385 "           |
| <b>Jacket Color:</b>  | Black  | 0.385 "           |

**Print:**  
 No Print

**Specifications:**  
 Inner conductors designed to meet SAE J-1128 Type TWP

**Environmental Compliance**

- RoHS EU Directive 2011/65/EU (1&2&3)
- REACH Regulation 210:
- California Prop 65: IQ-20744

 This product may contain chemicals known to the state of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

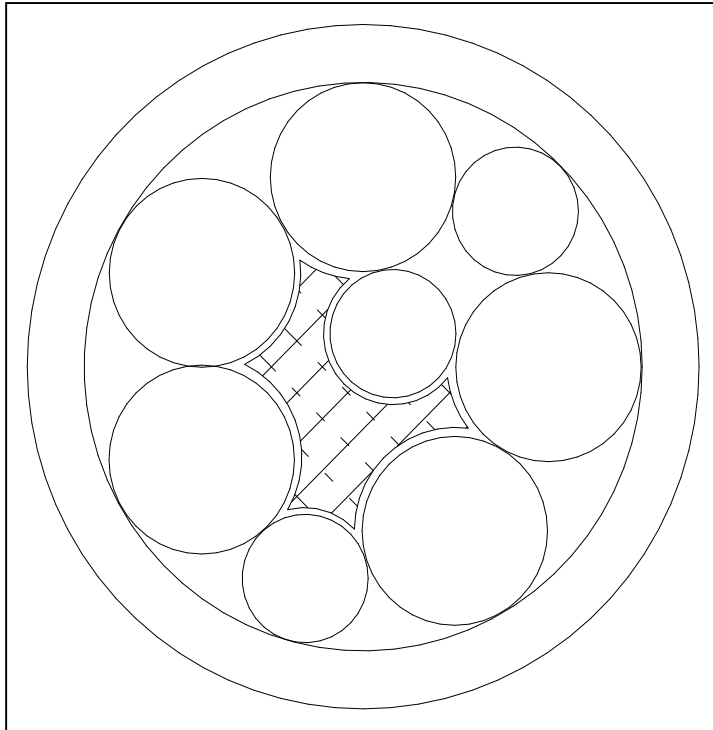


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**Drawing/Rotation:**



- The design of this cable core is non-concentric which could lead to convolutions on the outside of the finished cable and be problematic if molding.
- If Level 2 Roundness is an absolute requirement of this cable please discuss with the HWC Engineering Team to see if additional fillers can be added and/or a heavier jacket thickness

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**Customer Approval**

Sales I.D.: Dylan P

Signature: \_\_\_\_\_

Date: 11/19/20

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Subject to HWC Terms & Conditions

IQ-20744