



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

**Issue Date:**

**Issue: 1**


**Construction**

|   |  |  |                   |
|---|--|--|-------------------|
| <b>Description: 4/C Composite 2/C 14 AWG + 2/C 20 AWG XLP/PVC</b> |  |  | <b>Diam. (In)</b> |
| <b>Components:</b>  | 4 Conductors   |  |                   |
| <b>Conductor #1:</b>  | 14 AWG 19/27 Bare Copper   | 2 Conductors                           | 0.071 "           |
| <b>Insulation:</b>  | 0.023" XLPE to SAE J-1128  |  | 0.117 "           |
| <b>Color Code:</b>  | Red, Black   | 0.117 +/- .003"                        | 0.117 "           |
| <b>Conductor #2:</b>  | 20 AWG 19/32 Bare Copper   | 2 Conductors                           | 0.037 "           |
| <b>Insulation:</b>  | 0.023" XLPE to SAE J-1128  |  | 0.083 "           |
| <b>Color Code:</b>  | Green, Yellow  | 0.083 +/- .003"                        | 0.083 "           |
| <b>Cable Assembly:</b>  | Twist 20GA Green +Yellow into twisted pair 3/4" lay then Bunch with 14GA Red and Black |  | 0.242 "           |
| <b>Fillers</b>  | Fibrillated polypropylene or solid fillers for roundness (Optional)                    |  | 0.242 "           |
| <b>Separator:</b>   | Non-Woven Polyester Wrapping   |  | 0.246 "           |
| <b>Jacket:</b>  | 0.032 Flexible PVC, Oil, Moisture UV , VW-1  | 0.31 +/- .010"                         | 0.310 "           |
| <b>Jacket Color:</b>  | Black  |  | 0.310 "           |
| <b>Put-ups:</b>   | 1,000FT  | <b>Preferred Spool Size:</b> 14" X 10" |                   |

**Print:** No Print

**Environmental Compliance**

- RoHS EU Directive 2011/65/EU (1&2&3)
- REACH Regulation 210:
- California Prop 65: IQ-21185

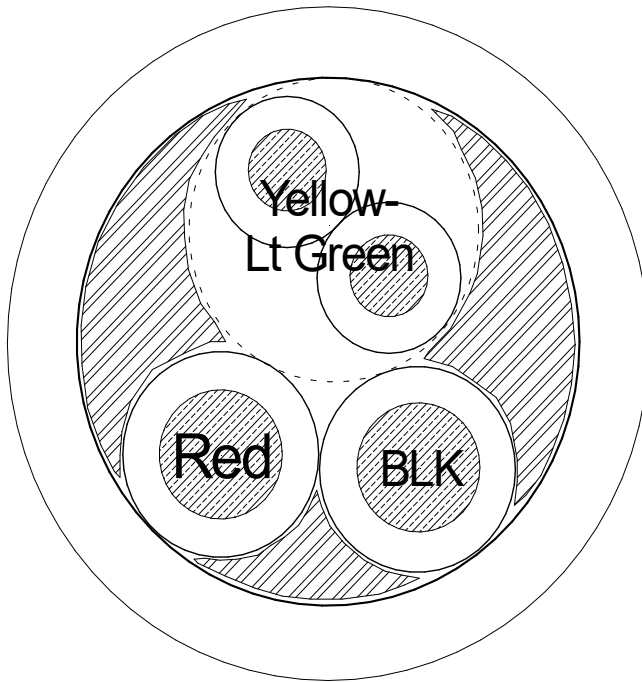
 This product may contain chemicals known to the state of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



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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:

Andrew Ott

Date: 7/30/21

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Subject to HWC Tems & Conditons

IQ-21185