



Hueson Wire  
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 South Grafton, Ma 01560  
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**Issue Date:** 5/5/2020

**Issue:** 1

**Construction**

| <b>Description:</b> 2/C 18 19/30 XLP/TPE OAFS + Drain Wire |   | <b>Diam. (In)</b> |
|--|---|-------------------|
| <b>Component:</b>  | 2 Conductors  |                   |
| <b>Conductor:</b>  | 18 AWG 19/.0092 Bare Copper to ASTM B-8                             | 0.045 "           |
| <b>Insulation:</b>   | 0.016" XLPE to SAE J-1128 0.077 +/- .003"                           | 0.077 "           |
| <b>Color Code:</b>   | Green, Orange   | 0.077 "           |
| <b>Cable Assembly:</b>                                     | Bunch Cable 2 Conductors  | 0.154 "           |
| <b>Fillers</b>   | Fibrillated polypropylene or solid fillers for roundness (optional) | 0.154 "           |
| <b>Drain Wire:</b>   | 18 19/30 TC   | 0.154 "           |
| <b>Binder:</b>   | Non-Woven Polyester or Clear Mylar Tape Binder                      | 0.158 "           |
| <b>Shield:</b>   | Aluminum Mylar Tape (Foil Side In or out ?)                         | 0.158 "           |
| <b>Jacket:</b>   | 0.03" TPV Jacket, Santoprene or Equal                               | 0.218 "           |
| <b>Jacket Color:</b>                                       | Black 0.218 +/- 0.010"  | 0.218 "           |

**Print:** E174416 RU 125C 300V VW-1 --- cRU I/II A 125C 300V FT1

| <b>Specifications:</b> | <u>AWM Style</u> | <u>Temp</u> | <u>Voltage</u> | <u>Flame</u>  |
|------------------------|------------------|-------------|----------------|---------------|
| <b>UL</b>              | AWM              | 125°C       | 300            | VW-1          |
| <b>Canadian cRU</b>    | AWM              | 125°C       | 300            | FT-1 I/II A/B |

**Environmental Compliance**

- RoHS EU Directive 2011/65/EU (1&2&3)
- REACH Regulation 205:
- California Prop 65:

IQ-20290