



Preliminary Design

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

Issue Date:

Issue: 1

Construction

Description: 8/C Composite 2/PR 16 AWG + 2/PR 20 AWG PVC/PVC			Diam. (In)
Components:	8 Conductors		
Conductor #1:	16 AWG 26/30 Tinned Copper	4 Conductors	0.06 "
Insulation:	0.015" Premium Grade PVC		0.09 "
Color Code:	Red+Black, Orange+Purple	0.09 +/- .003"	0.09 "
Conductor #2:	20 AWG 19/32 Tinned Copper	4 Conductors	0.04 "
Insulation:	0.015" Premium Grade PVC		0.07 "
Color Code:	Green+White, Yellow+Blue	0.07 +/- .003"	0.07 "
Cable Assembly:	Twist 2 conductors into twisted pairs bunch 4 pairs. 2" left hand lay		0.296 "
Fillers	Fibrillated polypropylene		0.296 "
Separator:	Non-Woven Polyester Binder Tape		0.300 "
Jacket:	0.045 Flexible PVC, Oil, Moisture UV , VW-1	0.39 +/- .010"	0.390 "
Jacket Color:	Black	Pressure extruded	0.390 "
Print:	TeeJet		

Specifications:	<u>AWM Style</u>	<u>Temp</u>	<u>Voltage</u>	<u>Flame</u>
UL		105°C	300	
Canadian cRU		105°C	300	

Environmental Compliance

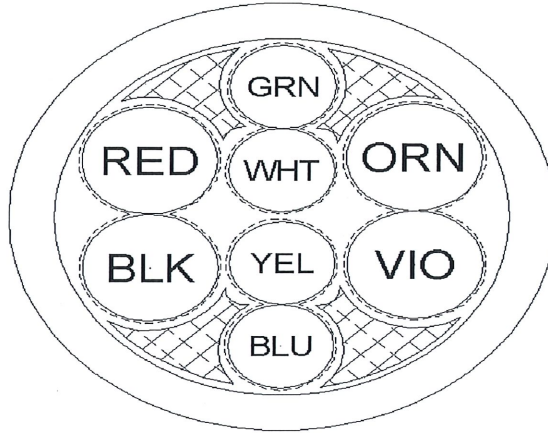
- RoHS EU Directive 2011/65/EU (1&2&3)
 All materials used in the manufacture of this part are in compliance with EU Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment.
- REACH Regulation 205:
 This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item.
- California Prop 65: IQ-20526
 The outer surface materials used in the manufacture of this part meet the requirements of California Prop. 65.



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Drawing/Rotation:



Customer Approval

Drawn by: Brian Hanlon

Date: 8/10/20

Signature:

Gregory A. Root 10-20-20

Subject to HWC Terms & Conditions

IQ-20526