



Preliminary Design

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

Issue Date: 9/2/2020

Issue: 1

Construction

Description: 5/PR 24 19/36 BC HDPE/PUR		Diam. (In)
Component:	Conductors	
Conductor:	24 AWG 19/36 Bare Copper to ASTM B-172	0.027 "
Insulation:	0.015" HDPE High Density Polyethylene 0.0565 +/- .003"	0.057 "
Color Code:	White+Brown, Green+Yellow, Gray+Pink, Blue+Red, Black+Violet	0.057 "
Cable Assembly:	Bunch Cable Conductors	"
Cable Assembly:	Twist the 10 Conductors Into Twisted Pairs	0.096 "
Cable Assembly:	Bunch Cable the 5 Twisted Pairs	0.252 "
Fillers	Fibrillated polypropylene or solid fillers for roundness (optional)	"
Shield:	Aluminum Mylar Tape (Foil Side In or out ?)	0.256 "
Braid	Tinned Copper Braid Shield 85% Minimum Coverage	0.276 "
Jacket:	0.039" Polyurethane	0.355 "
Jacket Color:	Black 0.355 +/- 0.010"	0.355 "
Print:	No Print	

Specifications:	Temp	Voltage
UL	70°C	600
Canadian cRU	70°C	600

Environmental Compliance

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

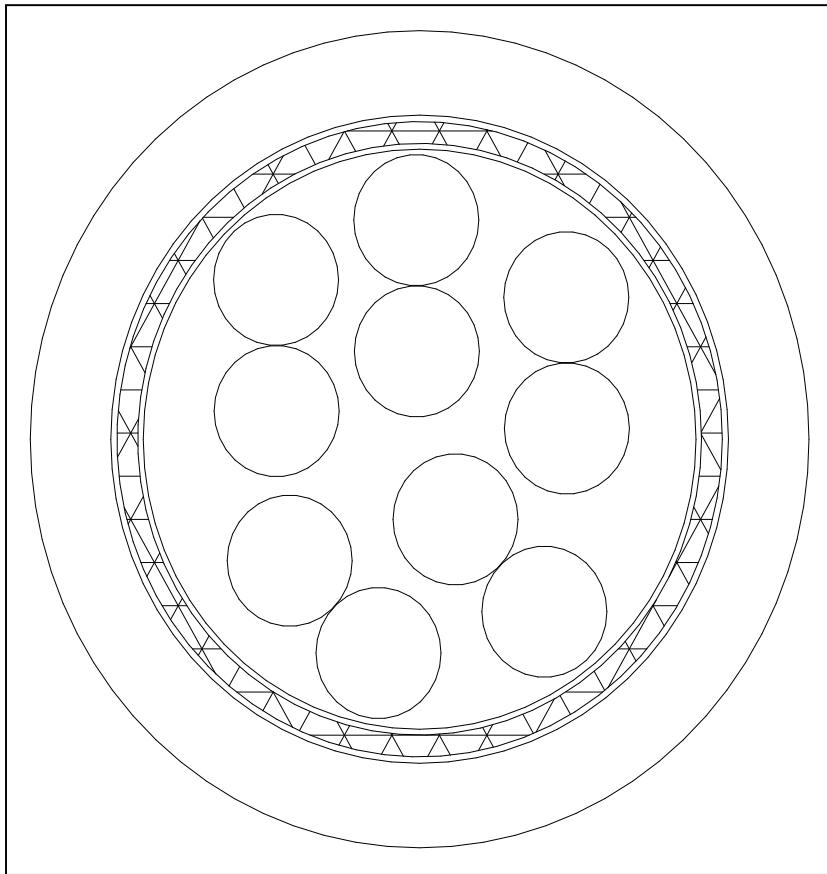
IQ-20563

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Drawing/Rotation:



Customer Approval

Drawn by: Brian Hanlon

Signature: _____

Date: 9/2/20

Subject to HWC Terms & Conditions

IQ-20563