



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

Issue Date:

Construction

Issue: 1

Description: 9/Cond Comp 5/C 24 + 4/C 18 PVC/PVC Sub-Jacket			Diam. (In)
Components:	9 Conductors		
Conductor #1:	18 AWG 41/34 Tinned Copper	3 Conductors	0.045 "
Insulation:	0.01" Premium Grade PVC		0.065 "
Color Code:	Brown, Orange, Red	0.065 +/- .003"	0.065 "
Conductor #2:	18 AWG 41/34 Tinned Copper	TC18-41-34-TC-SB Conductors	0.045 "
Insulation:	0.021" Premium Grade PVC		1 Cond/Ground 0.082 "
Color Code:	Green/Yellow	0.082 +/- .003"	0.082 "
Conductor #3:	24 AWG 19/36 Tinned Copper	5 Conductors	0.024 "
Insulation:	0.01" Premium Grade PVC		0.044 "
Color Code:	Black, White, Brown, Red, Green	0.044 +/- .003"	0.044 "
Cable Assembly (Sub):	Bunch Cable 5 Conductors 24 AWG Signal 2.0" - 3.0" LHL		0.123 "
Shield:	Aluminum Mylar Tape Foil Side In 25% Overlap 100% Coverage		0.127 "
Drain Wire:	24 7/32 TC Drain Wire In		0.127 "
Cable Assembly Overall:	Bunch Cable the 5/Cond Shielded Sub Signal Cable With 4 Conductors 18 AWG Power 4.0" - 5.0" LHL		0.264 "
Fillers	Fibrillated polypropylene or solid fillers for roundness		0.264 "
Separator:	Non-Woven Polyester Wrapping		0.268 "
Jacket:	0.05 Flexible PVC, Oil, Moisture UV , VW-1	0.368 +/- .010"	0.368 "
Jacket Color:	Black	*0.380" Max**	0.368 "
Put-ups:	1000	Preferred Spool Size:	

Print:
 E174416 RU AWM 2661 105C 300V VW-1 --- cRU I/II A/B 105C 300V FT1

Specifications:	AWM Style	Temp	Voltage	Flame
UL	AWM-2661	105°C	300	VW-1
Canadian cRU	AWM	105°C	300	FT-1 I/II A

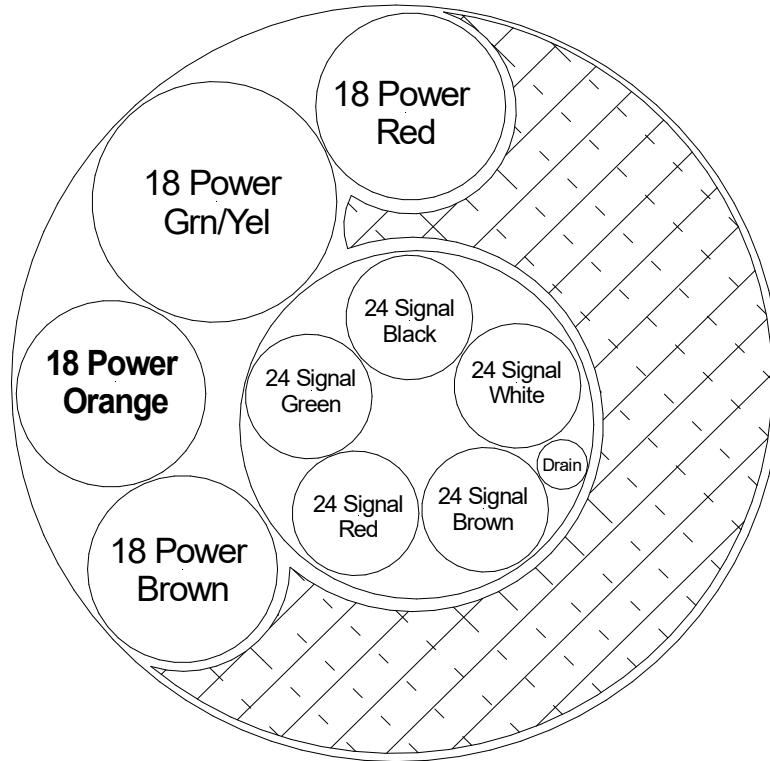


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Drawing/Rotation:



- 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

Environmental Compliance

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

IQ-24014

This product may contain chemicals known to the state of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Customer Approval

Sales I.D.: Brian H

Signature: Tanner Donahue

Date: 2/29/24

Subject to HWC Terms & Conditions

IQ-24014