



Preliminary Design

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

Issue Date: 10/30/2020

Issue: 1

Construction

Description:	8/C 22 7/30 TC PVC/PVC Double Foil Shield and Drain Wires	Diam. (In)
Component:	8 Conductors	
Conductor:	22 AWG 7/30 Tinned Copper to ASTM-B33	0.030 "
Insulation:	0.01" Premium Grade PVC 0.05 +/- .003"	0.050 "
Color Code:	Black, White, Red, Green, Brown, Blue, Orange, Yellow	0.050 "
Cable Assembly:	Bunch Cable 8 Conductors	0.166 "
Drain Wire:	22 7/30 TC (2 Drain Wires)	0.166 "
Shield	Pull in 1st Aluminum Foil Shield, Foil side in and Drain in	0.170 "
Binder:	Pull in a Clear Mylar Tape Over the 1st layer Drain Wire and Foil Tape	0.172 "
Shield	Pull in 2nd Aluminum Foil Shield, Foil side in and Drain Wire in Over Clear Tape	0.176 "
Jacket:	0.033" PVC CMG FT-4 Tubed	0.236 "
Jacket Color:	Gray 0.236 +/- 0.010"	0.236 "
Print:	E194074 22 AWG (UL) TYPE CM 75C OR AWM 2464 80C 300V --- cUL CMG AWM I/II A/B 80C 300V FT-4	

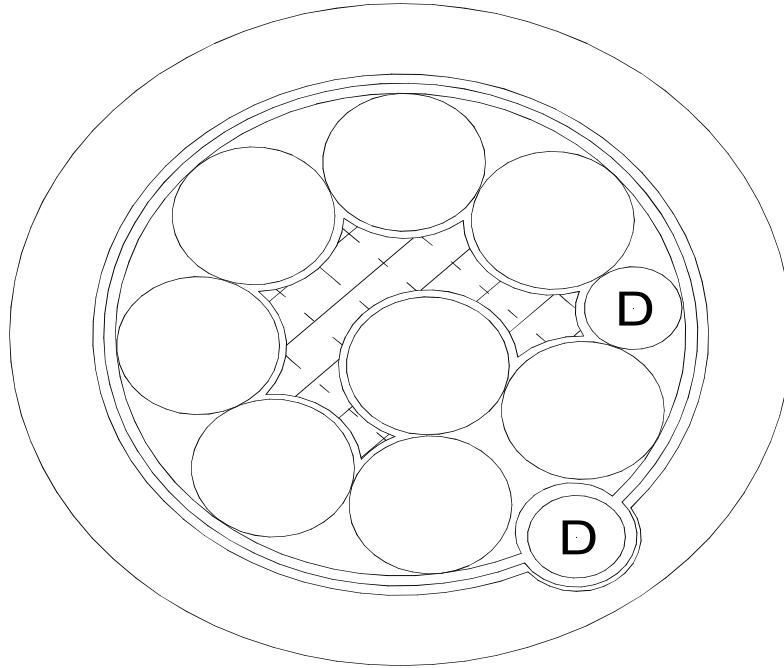
Specifications:	<u>AWM Style</u>	<u>Temp</u>	<u>Voltage</u>	<u>Flame</u>
UL	AWM-2464	80°C	300	VW-1
Canadian cRU	AWM	80°C	300	FT-1 I/II A/B

Environmental Compliance	
<ul style="list-style-type: none"> • RoHS EU Directive 2011/65/EU (1&2&3) • REACH Regulation 205: • California Prop 65: 	IQ-20583

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Drawing/Rotation:



Customer Approval

Drawn by: Brian Hanlon

Signature: _____

Date: 10/30/20

Subject to HWC Terms & Conditions

IQ-20583