

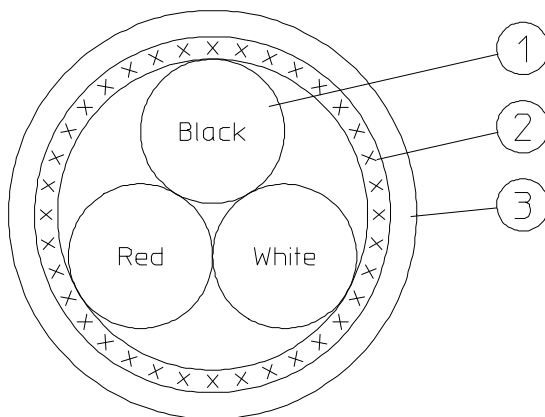
# Cable drawing



Drawing Number <b>700003418</b>	Revision No <b>06</b>	Status <b>Released</b>	Phase <b>Production</b>
Description UL 20221 3xAWG 20 shield		All dimensions in mm, unless otherwise stated.	Page 1 of 2
Customer Product Number -	Customer Product Description -	Created by M. Oseloff	Approved by H. Jeschke
Habia Inspection Plan (HIP) HIP-G-630		Creation Date 2018-05-18	Approval Date 2018-05-18

Intended Use	Internal wiring of equipment or external/interconnecting wires	<b>CE</b>		
Technical Data	Values at 20° C	Unit		
Conductor Resistance	32.4	Ω/km		
Insulation Resistance	>5000	MΩ x km		
Test Voltage	3	kV DC		
Voltage Rating	300	V AC		
Weight	Approx. 46	g / m		
Temperature Rating	+150	°C		
Reference standards/specifications				
All dimensions in mm, unless otherwise stated.				
Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor Insulation of ETFE, UL 1643	AWG 20	0.97 1.66	19x0.20
2.	Braided screen of tin plated copper wire	Wire dia. = 0.13	4.1	min 85% cov.
3.	Jacket of ETFE, white	thickness = 0.30 min average = 0.25 min 1 point = 0.20	4.7	
Jacket marking in contrasting colour, intervals of 250 mm: <b>PLANT</b> <b>AWM Style 20221 150°C 300 V</b> PLANT to be replaced with manufacturing site: HABIA CABLE -G for Norderstedt plant. HABIA CABLE for Söderfors plant.				

Design meets IEC 60332-1 and IEC 60332-3 Cat C



UL		
Appliance Wiring Material		E75929
Style	20221	
Number of conductors / Conductor size	3 / 20	AWG
Insulation material / thickness (min average)	ETFE / 13	Mils
Jacket material / thickness (min average)	ETFE / 10	Mils
Max working voltage	300	Volts
Max temperature rating	150	°C
Manufactured (MM-YYYY)		
AWM suitable for:		
Internal wiring of appliances or electronic equipment.		

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