

# CABLE DRAWING

# Habia Cable

Drawing Number <b>700041839</b>	Revision No <b>00</b>	Status <b>Released</b>	Phase <b>Proposal for Production</b>
Description <b>B/2219 STW 20</b>		Habia Inspection Plan (HIP) <b>HIP-G-420</b>	Page <b>1 of 1</b>
Customer Product Number		Created by <b>T. Nälsén</b>	Approved by <b>T. Nälsén</b>
Customer Product Description		Creation Date <b>2012-05-13</b>	Approval Date <b>2012-05-13</b>

Technical Data		Values at +20°C		Unit
Conductor Resistance		Max 55.7		Ω/km
Insulation Resistance		Min 1500		MΩ x km
Test Voltage		5 min: 7.5		kV DC
Voltage Rating		600		V AC
Radiation Tolerance		10 <sup>5</sup>		Gy
Weight		TBD		g / m
Temperature Rating		50 years, conductor temperature: 90		°C
RoHS Compliant.				
All dimensions in mm, unless otherwise stated.				
Pos	Description	Dimension	Overall Diameter	Remarks
1.	Filler			
2.	Tin-plated copper conductor	22 AWG	0.76	19 x 0.16
	Insulation of HFI 150	t = 0.28	1.32	
3.	Binder, Polyester			
4.	Braid of tin-plated copper	Diam: 0.127	8.3	Min 85% coverage
5.	Binder, non-woven polyester		8.5	
6.	Jacket of HFS 105 XL type B, Black	t = 1.20 mm	10.9	
Jacket marking with meter indication in contrasting colour, intervals of 1,0 m ±0,02 m: <b>Habia Cable - 700041839 - YYYY-Www - batchcode - L m</b> YYYY-Www to be replaced with year and week of manufacture. Batch code to be replaced with manufacturers traceability code L indicates continuous meter marking and is replaced with actual length.				

1	Black
2	Brown
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Violet
9	Gray
10	White
11	White/Black
12	White/Brown
13	White/Red
14	White/Orange
15	White/Yellow
16	White/Green
17	White/Blue
18	White/Violet
19	White/Gray
20	White/Black/Brown

