

CABLE DRAWING

Habia Cable

Drawing Number 700041844	Revision No 00	Status Released	Phase Proposal for Production
Description B/2219 STW 2x2		Habia Inspection Plan (HIP) HIP-G-420	Page 1 of 1
Customer Product Number		Created by T. Nälsén	Approved by T. Nälsén
Customer Product Description		Creation Date 2012-05-13	Approval Date 2012-05-13

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 ⁶	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	6.1	Min 85% coverage
5.	Binder, non-woven polyester		6.1	
6.	Jacket of HFS 105 XL type B, Black	t = 1.0 mm	8.3	

Jacket marking with meter indication in contrasting colour, intervals of 1,0 m ±0,02 m:

Habia Cable - 700041844 - YYYY-Www - batchcode - L m

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.

