

CABLE DRAWING		Habia Cable	
Drawing Number 700041842	Revision No 00	Status Released	Phase Proposal for Production
Description B/1419 STW 3		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 10.3		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.	Tin-plated copper conductor	14 AWG	1.70	19 x 0.361
	Insulation of HFI 150	t = 0.33	2.36	
2.	Binder, Polyester			
3.	Braid of tin-plated copper	Diam: 0.127	6.4	Min 85% coverage
4.	Binder, non-woven polyester		6.6	
5.	Jacket of HFS 105 XL type B, Black	t = 1.1 mm	8.8	
Jacket marking with meter indication in contrasting colour, intervals of 1,0 m ±0,02 m: Habia Cable - 700041842 - 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.				

