

CABLE DRAWING

Habia Cable

Drawing Number 700020751	Revision No 2	Status Released	Phase Production
Description XLPE/SPC 3007/0,85 - LSTI 1	Habia Inspection Plan (HIP) HIP-G-302		Page 1 of 1
Customer Product Number	Created by H. Bertilsson		Approved by T. Wärefors
Customer Product Description	Creation Date 2009-10-22		Approval Date 2009-10-22

Technical Data	Values at +20°C	Unit
Conductor Resistance	Max: 344	Ω/km
Insulation Resistance	>1500	MΩ x km
Test Voltage	3	KV DC
Voltage Rating	250	V AC
Capacitance	Nom: 100	nF / km
Impedance	Nom: 50 ± 5	Ω
Radiation Tolerance	>10 ⁶	Gy
Weight	7	g / m
Temperature Rating	-40 / +100	°C

All dimensions in mm, unless otherwise stated.

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Silver plated copper conductor	30 AWG	0,30	7 x 0,10
2.	Dielectric of solid, cross-linked PE		0,85 ± 0,04	
3.	Semi-conductive layer		0,88	
4.	Braided screen of silver plated copper wire	0,10	1,35	Nom coverage: 85%
5.	Jacket of HFS 100, Green		2,00 ± 0,10	

Note: All materials are halogen free (LSOH), flame retardant jacket

