

CABLE DRAWING

Habia Cable

Drawing Number 700019000	Revision No 0	Status Released	Phase Production
Description RGL 174 (XL)	Habia Inspection Plan (HIP) HIP-G-302		Page 1 of 1
Customer Product Number	Created by E. Österlund		Approved by H. Bertilsson
Customer Product Description	Creation Date 2009-09-30		Approval Date 2009-09-30

Technical Data	Values at +20°C	Unit
Conductor Resistance	Max: 132	Ω/km
Insulation Resistance	>1500	MΩ x km
Test Voltage	3	KV DC
Voltage Rating	N/A	V AC
Capacitance	107	nF / km
Impedance	50 ± 3	Ω
Attenuation	89,9	dB / 100m at 400 MHz
Radiation Tolerance	10 ⁶	Gy
Weight	13	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	26 AWG	0,48	7 x 0,16
2.	Dielectric of solid XLPE, Natural		1,52	
3.	Low-noise dispersion layer		1,57	
4.	Braided screen of tin plated copper wire	0,10	2,0	
5.	Jacket of HFS 100, Black	0,40	2,8 ± 0,2	

Cable construction:

Low Smoke Zero Halogen (LS0H)
Flame retardant

