

CABLE DRAWING

Habia Cable

Drawing Number 700019001	Revision No 0	Status Released	Phase Production
Description RGL 174 (XL) - TI 3	Habia Inspection Plan (HIP) HIP-G-402		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	70	g / m
Temperature Rating	-40 / +100	°C

All dimensions in mm, unless otherwise stated.

Pos	Description	Dimension	Overall Diameter	Remarks
1.	RG 174 (XL): See drawing: 700019000 Silver plated copper conductor Dielectric of solid XLPE, Natural Low-noise dispersion layer Braided screen of tin plated copper Jacket of HFS 100, Black & numbered 1-3	26 AWG 0,10 0,40	0,48 1,52 1,57 2,0 2,8 ± 0,2	7 x 0,16
2.	Solid LT filler		1,3	
3.	Wrapped non woven polyester binder		6,2	
4.	Jacket of HFS 100, Black	1,00	8,2 nom	

Jacket marking in contrasting colour, intervals of 250 mm:

Habia Cable - 700019001 - YYYY-Www - batchcode

YYYY-Www to be replaced with year and week of manufacture Batchcode to be replaced with manufacturers traceability code

Cable construction:

Low Smoke Zero Halogen (LS0H)

Flame Retardant

