

# CABLE DRAWING

# Habia Cable

Drawing Number <b>700041838</b>	Revision No <b>00</b>	Status <b>Released</b>	Phase <b>Proposal for Production</b>
Description <b>RG 62 coaxial type</b>	Habia Inspection Plan (HIP) HIP-G-320		Page 1 of 1
Customer Product Number 988-1	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 56.6	Ω/km
Insulation Resistance	N/A	MΩ x km
Test Voltage	6	KV DC
Voltage Rating	Max 750	V AC
Capacitance	Max 47	nF / km
Impedance	Aim to meet 93±3	Ω
Attenuation	400 MHz: nom 17,5	dB / 100m
Radiation Tolerance	TID 1x10 <sup>5</sup>	Gy
Weight	Nom 120	g / m
Temperature Rating	-30/+70 Max conductor temperature: 90	°C
Core Current Rating	N/A	Amps at 40°C ambient air temp.

All dimensions in mm, unless otherwise stated.

## Applicable specification

Flame retardant acc to IEEE 383 VTFT

## INFO

Jackets separable from each other

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Conductor of solid bare copper	22AWG	0,64	Solid
2.	Dielectric of foamed XLPE		3,71	
3.	Braid of bare copper wire	Wire diam 34AWG	4,4	Optical coverage nom 97%
4.	Wrapped copper/PET foil		4,55	
5.	Inner jacket of HFS 80N, black		6,15	
6.	Outer jacket of HFS 80N, black		9,8 10,2 max	

Jacket marking with length indication in contrasting colour every foot

**Habia Cable - 700041838 - 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 marking and is replaced with actual length every foot

