

# CABLE DRAWING



Article Number/Doc Number <b>3000031650</b>	Revision No <b>04</b>	Status <b>Released</b>	Phase <b>Production</b>
Description <b>RG 316</b>		Habia Inspection Plan (HIP) HIP-G-302	Page 1 of 1
Customer Product Number		Created by S. Bueckmann	Approved by M. Oseloff
Customer Product Description		Creation Date 2018-08-09	Approval Date 2018-08-13

Intended Use	Primarily as transmission line in high frequency applications.	<b>CE</b>
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Technical Data	Values at +20° C (nominal data)	Unit
Conductor Resistance	max 110	Ω/km
Insulation Resistance	>5000	MΩ x km
Test Voltage	3	KV DC
Voltage Rating	N/A	V AC
Capacitance	nom 94; max 105	nF / km
Impedance	50 ± 2	Ω
Attenuation	@ 400 MHz: 68,9	dB / 100m
Weight	max 17,1	g / m
Temperature Rating	-65 / +200	°C

**Reference standards/specifications**

All dimensions in mm, unless otherwise stated.

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Stranded silver plated copper conductor		0,54	7 x 0,18
2.	Dielectric of solid PTFE		1,56	
3.	Braid of silver plated copper	d = 0,10	2,0	
4.	Jacket of FEP, brown-transparent		2,45 ± 0,15	

Jacket marking:

**Habia Cable - RG 316 - YYYY-Www**

YYYY-Www to be replaced with year and week of production

