

CABLE DRAWING



Article Number/Doc Number 3000017850	Revision No 03	Status Released	Phase Production
Description RG 178		Habia Inspection Plan (HIP)	Page 1 of 1
Customer Product Number		Created by S. Bueckmann	Approved by M. Oseloff
Customer Product Description		Creation Date 2019-02-21	Approval Date 2019-02-22

Intended Use	Primarily as transmission line in high frequency applications.		CE	
Technical Data				
	Values at +20° C (nominal data)			Unit
Conductor Resistance		max 330	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: max 108	dB / 100m	
Weight		max 9,3	g / m	
Temperature Rating		-65 / +200	°C	
Reference standards/specifications				
All dimensions in mm, unless otherwise stated.				
Pos	Description	Dimension	Overall Diameter	Remarks
1.	Silver plated copper conductor		0,30	7 x 0,102
2.	Dielectric of solid PTFE, natural		0,85	
3.	Braid of silver plated copper		1,3	
4.	Jacket of FEP, brown-transparent		1,75 ± 0,15	

Jacket marking in contrasting colour:
Habia Cable RG 178 YYYY-Www
 YYYY-Www to be replaced with actual year and week of production