

# CABLE DRAWING



Article Number/Doc Number <b>3000017900</b>	Revision No <b>1</b>	Status <b>Released</b>	Phase <b>Production</b>
Description <b>RG 179 B/U (M)</b>		Habia Inspection Plan (HIP) HIP-G-302	Page 1 of 1
Customer Product Number		Created by L. Potratz	Approved by H. Jeschke
Customer Product Description		Creation Date 2019-01-21	Approval Date 2019-01-21

Intended Use	Primarily as transmission line in high frequency applications		<b>CE</b>	
<b>Technical Data</b>				
	Values at +20° C			Unit
Conductor Resistance		max 802	Ω/km	
Insulation Resistance		>5000	MΩ x km	
Test Voltage		1 min 2	KV DC	
Voltage Rating		600	V AC	
Capacitance		nom 63; max 75	nF / km	
Impedance		75 ± 3	Ω	
Attenuation		max 68,9	dB / 100m @ 400 MHz	
Weight		max 16	g / m	
Temperature Rating		-65 / +200	°C	
<b>All dimensions in mm, unless otherwise stated.</b>				
Pos	Description	Dimension	Overall Diameter	Remarks
1.	Silver plated copper-covered steel conductor, soft	SCWS	0,30	7 x 0,102
2.	Dielectric of solid PTFE, natural		1,60	
3.	Braid of silver plated copper wire	d = 0,10	2,05	
4.	Jacket of FEP, Brown-transparent	t = 0,25	2,54	
Jacket marking in contrasting colour (every 250mm): <b>RG 179 – Habia Cable – 30000-179-00 - YYYY-Www – Batchcode</b> YYYY-Www to be replaced with year and week of production Batchcode to be replaced with manufacturers traceability code				

Design generally in accordance with M17/94-RG179 acc to MIL-DTL-17

Flame retardant acc to IEC 60332-1 and UL 1581 VW-1

