

# CABLE DRAWING



Article Number/Doc Number <b>3000017903</b>	Revision No <b>05</b>	Status <b>Released</b>	Phase <b>Production</b>
Description <b>RGT 179</b>		Habia Inspection Plan (HIP) <b>HIP-G-302</b>	Page <b>1 of 1</b>
Customer Product Number		Created by <b>S. Bueckmann</b>	Approved by <b>H. Jeschke</b>
Customer Product Description		Creation Date <b>2018-09-10</b>	Approval Date <b>2018-09-11</b>

Intended Use	Primarily as transmission line in high frequency applications.		<b>CE</b>	
<b>Technical Data</b>				
	<b>Values at +20° C</b>		<b>Unit</b>	
Conductor Resistance	max 802		Ω/km	
Insulation Resistance	>5000		MΩ x km	
Test Voltage	core – screen & screen – screen (1 min): 2		KV DC	
Voltage Rating	900		V AC	
Capacitance	63		nF / km	
Impedance	75 ± 3		Ω	
Attenuation	max 68,9		dB / 100m @ 400 MHz	
Weight	31		g / m	
Temperature Rating	-65 / +200		°C	
<b>All dimensions in mm, unless otherwise stated.</b>				
<b>Pos</b>	<b>Description</b>	<b>Dimension</b>	<b>Overall Diameter</b>	<b>Remarks</b>
1.	Silver plated copper covered steel wire, soft	SCWS	0,30	7 x 0,102
2.	Dielectric of solid PTFE, natural		1,60	
3.	Braided screen of silver plated copper wire	d = 0,10	2,05	
4.	Jacket of FEP, brown-transparent	t = 0,25	2,54 ± 0,13	
5.	Braided screen of silver plated copper wire	d = 0,10	3,0	
6.	Jacket of FEP, brown-transparent	t = 0,30	3,60 ± 0,20	
Jacket marking in contrasting colour, intervals of 250 mm: <b>RGT 179 - Habia Cable - 30000-179-03 - YYYY-Www - Batchcode</b> YYYY-Www to be replaced with year and week of manufacture. Batchcode to be replaced with manufacturers traceability code				

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

