

<b>CABLE DRAWING</b>		<b>Habia Cable</b>	
Article Number/Doc Number <b>3000017801</b>	Revision No <b>04</b>	Status <b>Released</b>	Phase <b>Production</b>
Description <b>RG 178 (M)</b>		Habia Inspection Plan (HIP) <b>HIP-G-302</b>	Page <b>1 of 1</b>
Customer Product Number		Created by <b>M. Oseloff</b>	Approved by <b>H. Jeschke</b>
Customer Product Description		Creation Date <b>2018-06-04</b>	Approval Date <b>2018-06-04</b>

Intended Use	Intended for 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	1 min 2		KV AC	
Voltage Rating	600		V AC	
Capacitance	nom 94; max 105		nF / km	
Impedance	50 ± 2		Ω	
Attenuation	max 108		dB / 100m @ 400 MHz	
Weight	max 9,3		g / m	
Temperature Rating	-65 / +200		°C	
<b>Reference standards/specifications</b>				
All dimensions in mm, unless otherwise stated.				
<b>Pos</b>	<b>Description</b>	<b>Dimension</b>	<b>Overall Diameter</b>	<b>Remarks</b>
1.	Silver plated copper-covered steel conductor, soft	SCWS	0,30	7 x 0,102
2.	Dielectric of solid PTFE, natural		0,87	
3.	Braid of silver plated copper wire	d = 0,10	1,30	
4.	Jacket of FEP, Brown-transparent	t = 0,25	1,80 ± 0,10	
Jacket marking in contrasting colour (every 250mm): <b>RG 178 – Habia Cable – 30000-178-01 - 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 M17/93-RG178 acc to MIL-DTL-17

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

