

# CABLE DRAWING



Article Number/Doc Number <b>3000040000</b>	Revision No <b>03</b>	Status <b>Released</b>	Phase <b>Production</b>
Description <b>RG 400 (M)</b>		Habia Inspection Plan (HIP) HIP-G-302	Page 1 of 1
Customer Product Number		Created by H. Bertilsson	Approved by T. Eriksson
Customer Product Description		Creation Date 2018-09-03	Approval Date 2018-09-04

Intended Use	Primarily as transmission line in high frequency applications.		<b>CE</b>	
Technical Data	Values at +20° C		Unit	
Conductor Resistance		max 29.8	Ω/km	
Insulation Resistance		>5000	MΩ x km	
Test Voltage		1 min: 3	kV AC	
Voltage Rating		600	V AC	
Capacitance		nom 94; max 105	nF / km	
Impedance		50 ± 2	Ω	
Attenuation		max 34.4	dB / 100m @400 MHz	
Weight		max 74.4	g / m	
Temperature Rating		-65 / +200	°C	
<b>Reference standards/specifications</b>				
Design generally in accordance with M17/175-00001 acc to MIL-DTL-17				
Flame retardant acc to IEC 60332-1 and UL 1581 VW-1				
<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 conductor		0.98	19 x 0.203
2.	Dielectric of solid PTFE, natural		2.95	
3.	Braid of silver plated copper wire	d = 0.127	3.5	
4.	Braid of silver plated copper wire	d = 0.127	4.1	
5.	Jacket of FEP, Brown-transparent	t = 0.43	4.95	
Jacket marking in contrasting colour (every 250mm): <b>RG 400 – Habia Cable – 30000-400-00 – YYYY-Www – Batchcode</b> YYYY-Www to be replaced with year and week of production Batchcode to be replaced with manufacturers traceability code				

