

# CABLE DRAWING



Article Number/Doc Number <b>3000040000</b>	Revision No <b>02</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 S. Bueckmann	Approved by T. Kowitz
Customer Product Description		Creation Date 2014-05-07	Approval Date 2014-05-19

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

**RoHS Compliant.**  
All dimensions in mm, unless otherwise stated.

Pos	Description	Dimension	Overall Diameter	Remarks
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):  
**RG 400 – Habia Cable – 30000-400-00 – YYYY-Www – Batchcode**  
 YYYY-Www to be replaced with year and week of production  
 Batchcode to be replaced with manufacturers traceability code

Design generally in accordance with M17/175-00001 acc to MIL-DTL-17

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

