

# CABLE DRAWING



Article Number/Doc Number <b>3000017801</b>	Revision No <b>03</b>	Status <b>Released</b>	Phase <b>Production</b>
Description <b>RG 178 (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 2014-05-09

Technical Data	Values at +20° C		Unit
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

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

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		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):  
**RG 178 – Habia Cable – 30000-178-01 - 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 M17/93-RG178 acc to MIL-DTL-17

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

