

CABLE DRAWING



Article Number/Doc Number 3000030200	Revision No 06	Status Released	Phase Production
Description RG 302 (M)		Habia Inspection Plan (HIP) HIP-G-302	Page 1 of 1
Customer Product Number		Created by M. Oseloff	Approved by H. Jeschke
Customer Product Description		Creation Date 2018-06-13	Approval Date 2018-06-13

Intended Use	Primarily as transmission line in high frequency applications.		CE	
Technical Data	Values at +20° C			Unit
Conductor Resistance	max 144		Ω/km	
Insulation Resistance	>5000		MΩ x km	
Test Voltage	conductor: 1 min 3,5; jacket: 2		KV AC	
Voltage Rating	600		V AC	
Capacitance	nom 63; max 75		nF / km	
Impedance	75 ± 3		Ω	
Attenuation	max 26,2		dB / 100m @ 400 MHz	
Weight	max 59,5		g / m	
Temperature Rating	-65 / +200		°C	
All dimensions in mm, unless otherwise stated.				
Pos	Description	Dimension	Overall Diameter	Remarks
1.	Silver plated copper-covered steel conductor, hard	SCWH	0,64	1 x 0,64
2.	Dielectric of solid PTFE, natural		3,71	
3.	Braid of silver plated copper wire	d = 0,13	4,30	
4.	Jacket of FEP, Brown-transparent	t = 0,41	5,13 ± 0,13	
Jacket marking in contrasting colour (every 250mm): RG 302 – Habia Cable – 30000-302-00 - 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 M17/110-RG302 acc to MIL-DTL-17

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

