

CABLE DRAWING



Article Number/Doc Number 3000017890	Revision No 01	Status Released	Phase Production
Description RG 178 (M) Unmarked		Habia Inspection Plan (HIP) HIP-G-302	Page 1 of 1
Customer Product Number		Created by S. Bueckmann	Approved by M. Oseloff
Customer Product Description		Creation Date 2019-04-03	Approval Date 2019-04-03

Intended Use	Primarily as transmission line in high frequency applications	CE
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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	@400 MHz: max 108	dB / 100m
Weight	approx 8	g / m
Temperature Rating	-55 / +200	°C

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	

Design generally in accordance with M17/93-RG178 acc to MIL-DTL-17

No jacket marking

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

