

CABLE DRAWING



Article Number/Doc Number 3000017990	Revision No 01	Status Released	Phase Production
Description RG 179 B/U (M) Unmarked		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 2018-10-11	Approval Date 2018-10-11

Intended Use	Primarily as transmission line in high frequency applications.	CE
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 DC
Voltage Rating	600	V AC
Capacitance	nom 63; max 75	nF / km
Impedance	75 ± 3	Ω
Attenuation	max 68,9	dB / 100m @ 400 MHz
Weight	max 16	g / m
Temperature Rating	-65 / +200	°C

Reference standards/specifications

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		1,60	
3.	Braid of silver plated copper wire	d = 0,10	2,05	
4.	Jacket of FEP, Brown-transparent	t = 0,25	2,54	

Design generally in accordance with M17/94-RG179 acc to MIL-DTL-17

No jacket marking

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

