

# CABLE DRAWING



Article Number/Doc Number <b>3000014290</b>	Revision No <b>00</b>	Status <b>Released</b>	Phase <b>Production</b>
Description RG 142 B/U (M) Unmarked		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 2014-05-06	Approval Date 2014-05-19

Technical Data	Values at +20° C	Unit
Conductor Resistance	max 63,9	Ω/km
Insulation Resistance	>5000	MΩ x km
Test Voltage	Core: 1 min: 5 kV AC; jacket 2	KV AC
Voltage Rating	600	V AC
Capacitance	nom 94; max 105	nF / km
Impedance	50 ± 2	Ω
Attenuation	max 38,3	dB / 100m @ 400 MHz
Weight	max 83,3	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, hard	SCWH	0,940 ± 0,025	1 x 0,940
2.	Dielectric of solid PTFE, natural		2,95 ± 0,13	
3.	Braid of silver plated copper wire	d = 0,127	3,50 ± 0,15	
4.	Braid of silver plated copper wire	d = 0,127	4,10 ± 0,15	
5.	Jacket of FEP, Brown-transparent	t = 0,43	4,95 ± 0,13	

Design generally in accordance with M17/158-00001 acc to MIL-DTL-17

No jacket marking

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

