

CABLE DRAWING



Article Number/Doc Number 3000031601	Revision No 01	Status Released	Phase Production
Description RG 316 (M)		Habia Inspection Plan (HIP)	Page 1 of 1
Customer Product Number		Created by A. Cao	Approved by V. Xiao
Customer Product Description		Creation Date 2016-06-27	Approval Date 2016-06-27

Technical Data	Values at +20° C		Unit	
Conductor Resistance	max 275		Ω/km	
Insulation Resistance	>5000		MΩ x km	
Test Voltage	1 min 2 kV AC or 4		KV DC	
Voltage Rating	900		V AC	
Capacitance	nom 94; max 105		nF / km	
Impedance	50 ± 2		Ω	
Attenuation	max 68,9		dB / 100m @ 400 MHz	
Weight	max 18,1		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	0,54	7 x 0,18
2.	Dielectric of solid PTFE, natural		1,52	
3.	Braid of silver plated copper wire	d = 0,10	2,00	
4.	Jacket of FEP, Brown-transparent	t = 0,25	2,49 ± 0,10	
Jacket marking in contrasting colour (every 250mm): RG 316 – Habia Cable – 30000-316-01 - 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 M17/113-RG316 acc to MIL-DTL-17

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

