

CABLE DRAWING



Type: RGD 316	Habia inspection plan HIP-G-302		Date of issue 2005-04-27		Drawing no 30000-316-55
	Issued by JN	Approved by LHM	Rev. no 04	Revised by HB	Revised date 2014-01-21

Electrical data at +20 °C (nom. data)

1 (1)

CONDUCTOR RESISTANCE	max 110 Ω/km
INSULATION RESISTANCE	>5000 MΩ x km
CAPACITANCE.....	nom 94 max 105 nF/ km
IMPEDANCE.....	50 +/- 2 Ω
ATTENUATION	400 MHz68,9 dB/100 m
TEST VOLTAGE	3 kV DC
TEMPERATURE RATING.....	+200 °C
VOLTAGE RATING	V
WEIGHT	max 27,5 kg/km

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Pos	Description	Dimensions	Overall diam. [mm]	Remarks
1	Stranded silver plated copper wire		0,54	7x0,18
2	Dielectric of solid PTFE		1,56	
3	Braid of silverplated copper wire	wire diam 0,10	2,0	
4	Braid of silverplated copper wire	wire diam 0,10	2,45	
5	Jacket of FEP, browntransparent		2,90±0,15	

Jacket marking in contrasting colour:

Habia Cable RGD 316 YYYY-Www

where YYYY-Www are replaced with actual year and week of manufacture.

Attenuation		Power, max watts	Return loss, min dB
MHz	max dB/m		
50	0,22	600	30
500	0,78	190	26
1 000	1,2	130	22
3 000	2,25	75	20
10 000	5,1	45	14
12 400	6,0	37	15

