

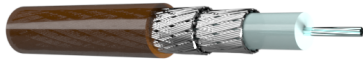
RG Coaxials / RGD

Double-braided variants of high temperature coaxials

Intended for use primarily as a transmission line in high frequency applications

50 Ω

Order reference		Core			Finished cable			Electrical		
Description	Article Number	Silver Plated Copper (SPC)		PTFE	SPC braid	FEP	Weight	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s			In free air at 40°C	
RGD 316	3000031655	7 x 0.17	Nom Ø 0.51	Nom Ø 1.52	Nom Ø 1st: 2.00 2nd: 2.40	Nom Ø 2.90	Nom g/m 27	pF/m 94	Amps 13	V AC rms 900



75 Ω

Description	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	pF/m	Amps	V AC rms
RGD 179	3000017955	7 x 0.10	0.30	1.60	1st: 2.05 2nd: 2.50	3.00	23	63	6	900

95 Ω

Description	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	pF/m	Amps	V AC rms
RGD 180	3000018055	7 x 0.10	0.30	2.60	1st: 3.05 2nd: 3.50	4.10	39	50	7	1,400

Attenuation (dB/100m @ 20°C) and power ratings (Watts @ 40°C)

Frequency MHz	RGD 179		RGD 180		RGD 316	
	dB	W	dB	W	dB	W
30	15	511	12	803	15	621
100	28	280	21	440	27	340
400	56	140	43	220	54	170
1,000	86	89	69	139	86	108
2,500	144	56	112	88	139	68

Cable identification

Dielectric Natural

Sheath Brown-transparent

Marking RGD ### - Habia Cable - Article No. - Year-Week - Batchcode

Characteristics and key properties

CE	UK CA	RoHS REACH LVD	VoP 70%	Current rating IEC 60287	Fluid resistant Fuel Oil Water	Flame resistant IEC 60332-1-2	Smoke free IEC 61034-2	MBR Fixed = 5x Ø Flexing = 10x Ø
							Temp low -55°C	Temp peak +200°C

DISCLAIMER: This document and its content remain the property of Habia Cable. It may not be used, copied or provided to any other party than the intended recipient, without prior written permission from Habia Cable. The product shown is intended for professional use and is subject to the user's own evaluation for any particular purpose. Information provided indicates nominal, indicative values and cannot be considered a binding representation or warranty for products and their use. Information is considered valid at the time of publication and is subject to change without notice.