Habia Cable

RG Coaxials / RGD

Double-braided variants of high temperature coaxials
Intended for use primarily as a transmission line in high frequency applications

Order reference		Core			Finished cable				Electrical			
		Silver Plated Copper (SPC)		PTFE	SPC braid	FEP	Weight	Fixed MBR	Imp.	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s					In free air at 40°C	
Description (NSN - if applicable)	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	mm	Ohms	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	15	75	63	6	900
RGD 180	3000018055	7 x 0.10	0.30	2.60	1st: 3.05 2nd: 3.50	4.10	39	25	95	50	7	1,400
RGD 316	3000031655	7 x 0.17	0.51	1.52	1st: 2.00 2nd: 2.40	2.90	27	15	50	94	13	900

Attenuation (dB/100m @ 20°C) and power ratings (Watts @ 40°C)						
Frequency	RGD 179		RGD 180		RGD 316	
MHz	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 identifcation	
Dielectric	Natural
Sheath	Brown-transparent
Marking	RGD ### - Habia Cable - Article No. - Year-Week - Batchcode

Characteristics and key properties

CE

RoHS 2011/65/EU

REACH EC No. 1907/2006

LVD 2014/35/EU

All-round chemical resistance

Low smoke

Flame retardant

+200°C High temp

Current rating to IEC 60287

-55°C Low temp