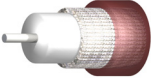


RG Coaxials / RG

High temperature, industry standard 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
RG 142	3000014250	Solid	0.94	2.95	1st: 3.50 2nd: 4.10	4.80	80	25	50	95	29	1,400
RG 178	3000017850	7 x 0.10	0.30	0.85	1.30	1.75	9	10	50	94	6	500
RG 179	3000017950	7 x 0.10	0.30	1.60	2.05	2.50	16	15	75	63	6	900
RG 316	3000031650	7 x 0.18	0.54	1.56	2.00	2.45	17	15	50	94	13	900
RG 400	3000040050	19 x 0.20	0.98	2.95	1st: 3.50 2nd: 4.10	4.80	70	25	50	94	27	1,400

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

Frequency MHz	RG 142		RG 178		RG 179		RG 316		RG 400	
	dB	W	dB	W	dB	W	dB	W	dB	W
30	7	2,373	25	274	15	511	15	621	8	2,008
100	13	1,300	46	150	28	280	27	340	15	1,100
400	26	650	93	75	56	140	54	170	31	550
1,000	42	411	148	47	86	89	86	108	50	348
2,500	69	260	237	30	144	56	139	68	82	220


Cable identification

Dielectric Natural

Sheath Brown-transparent

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

Characteristics and key properties

	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

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use. Valid at the time of publication, it is subject to change without notice. Data indicates nominal values in millimetres (mm) unless otherwise stated.