

Coaxials // RG

High temperature, industry standard coaxials

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


Description	Construction					Finished cable				Article Number
	Silver Plated Copper (SPC)		PTFE	SPC braid	FEP	Weight	Voltage	Capacitance	Fixed MBR	
RG	Stranding	Conductor	Dielectric	Shield/s	Sheath/s					Nom g/m
50 Ohms	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	V AC	pF/m	mm	Article Number
RG 142	Solid	0.94	2.95	In: 3.50 Out: 4.10	4.80	80	1,400	95	25	3000014250
RG 178	7 x 0.10	0.30	0.85	1.30	1.75	9	500	94	10	3000017850
RG 316	7 x 0.18	0.54	1.56	2.00	2.45	17	900	94	15	3000031650
RG 400	19 x 0.20	0.98	2.95	In: 3.50 Out: 4.10	4.80	70	1,400	94	25	3000040050
75 Ohms	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	V AC	pF/m	mm	Article Number
RG 179	7 x 0.10	0.30	1.60	2.05	2.50	16	900	63	15	3000017950



Attenuation (dB/100m at 20°C)					
Frequency (MHz)	RG 142	RG 178	RG 179	RG 316	RG 400
30	7	25	15	15	8
100	13	46	28	27	15
400	26	93	56	54	31
1,000	42	148	86	86	50
2,500	69	237	144	139	82

Power (Watts at 40°C)					
Frequency (MHz)	RG 142	RG 178	RG 179	RG 316	RG 400
30	2,373	274	511	621	2,008
100	1,300	150	280	340	1,100
400	650	75	140	170	550
1,000	411	47	89	108	348
2,500	260	30	56	68	220

Cable identification	
Dielectric: Natural	
Sheath: Brown-transparent	
Marking: RG ### - Habia Cable - Article No. - Year-Week - Batchcode	

Characteristics and key properties							
	RoHS	REACH	LVD	All-round chemical resistance	Low smoke generation	Flame retardant	+200°C High temp
	2011/65/EU	EC No. 1907/2006	2014/35/EU				-55°C Low temp

Data indicates nominal values in millimetres (mm) unless otherwise stated.

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.