




RG Coaxials / RG-LS0H

Halogen free alternatives to industry standard coaxials
Intended for use primarily as a transmission line in high frequency applications

Order reference		Core			Finished cable				Electrical			
		Copper Covered Steel (CCS)		HFI 90	TPC braid	HFS 80 T	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 59 LS0H	3600005901	Solid	0.57	3.70	4.45	6.15	57	30	75	64	8	1,700
RG 174 LS0H	3600017403	7 x 0.16	0.48	1.52	2.00	2.80	14	15	50	100	5	1,100
		Tin Plated Copper (TPC)		HFI 90	TPC braid	HFS 80 T	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 58 LS0H	3600005801	19 x 0.18	0.90	2.95	3.55	4.95	36	25	50	101	11	1,100
		Silver Plated Copper (SPC)		HFI 90	SPC braid	HFS 80 T	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 214 LS0H	3600021401	7 x 0.75	2.25	7.24	1st: 8.00 2nd: 8.70	10.80	195	50	50	101	35	3,700
RG 223 LS0H	3600022301	Solid	0.89	2.95	1st: 3.50 2nd: 4.10	5.40	57	25	50	101	12	1,400

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

Frequency	RG 58		RG 59		RG 174		RG 214		RG 223	
	dB	W	dB	W	dB	W	dB	W	dB	W
30	9	329	6	560	15	95	3	1,300	7	340
100	17	180	11	307	28	85	6	712	13	186
400	35	90	23	153	57	42	13	356	27	93
1,000	56	57	37	97	90	27	21	225	43	59
2,500	91	36	61	61	145	17	35	142	70	37


Cable identification

Dielectric Natural

Sheath Black

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	Halogen free	Low smoke	Flame retardant	+80°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.