

Coax

Flame retardant	IEC 60332-1-2
Smoke generation	IEC 61034-2
Toxicity	IEC 60754-2
Frequency range	Up to 2.5 GHz
Screening efficiency	(single braid) -40 dB
	(double braid) -70 dB
Velocity propagation	66 %

Construction

Conductor	Tin Plated Copper (TPC)	Dielectric	HFI 90
	Silver Plated Copper (SPC)		
	Copper Covered Steel (CCS)		
Shield	Braid of Copper (C)	Sheath	HFS 80 T
	Braid of Tin Plated Copper (T)		
	Braid of Silver Plated Copper (S)		

Identification

Dielectric	Natural
Sheath	Black
Marking	TYPE Habia Cable ORDER REFERENCE YEAR-WEEK BATCHCODE (e.g. RG 58 (LS0H) Habia Cable 36000-058-01 2012-W20 121026001)

Description	Construction						Electrical			MBR	Article Number
	conductor material	conductor Ø	dielectric Ø	shield/s Ø	sheath/s Ø	weight g/m	V rms V DC	imp. Ω	cap. pF/m	fixed flexing	
RG 58 (LS0H)	TPC 19x 0.18	0.90	2.95	T: 3.55	4.95	36	1,400 2,800	50	101	25 50	36000-058-01
RG 59 (LS0H)	CCS 1x 0.57	0.57	3.70	C: 4.45	6.15	55	1,700 3,400	75	68	30 60	36000-059-01
RG 214 (LS0H)	SPC 7x 0.75	2.25	7.24	S: 8.00 S: 8.70	10.80	195	3,700 7,400	50	101	50 100	36000-214-01
RG 223 (LS0H)	SPC 1x 0.89	0.89	2.95	S: 3.50 S: 4.10	5.40	57	1,400 2,800	50	101	25 50	36000-223-01

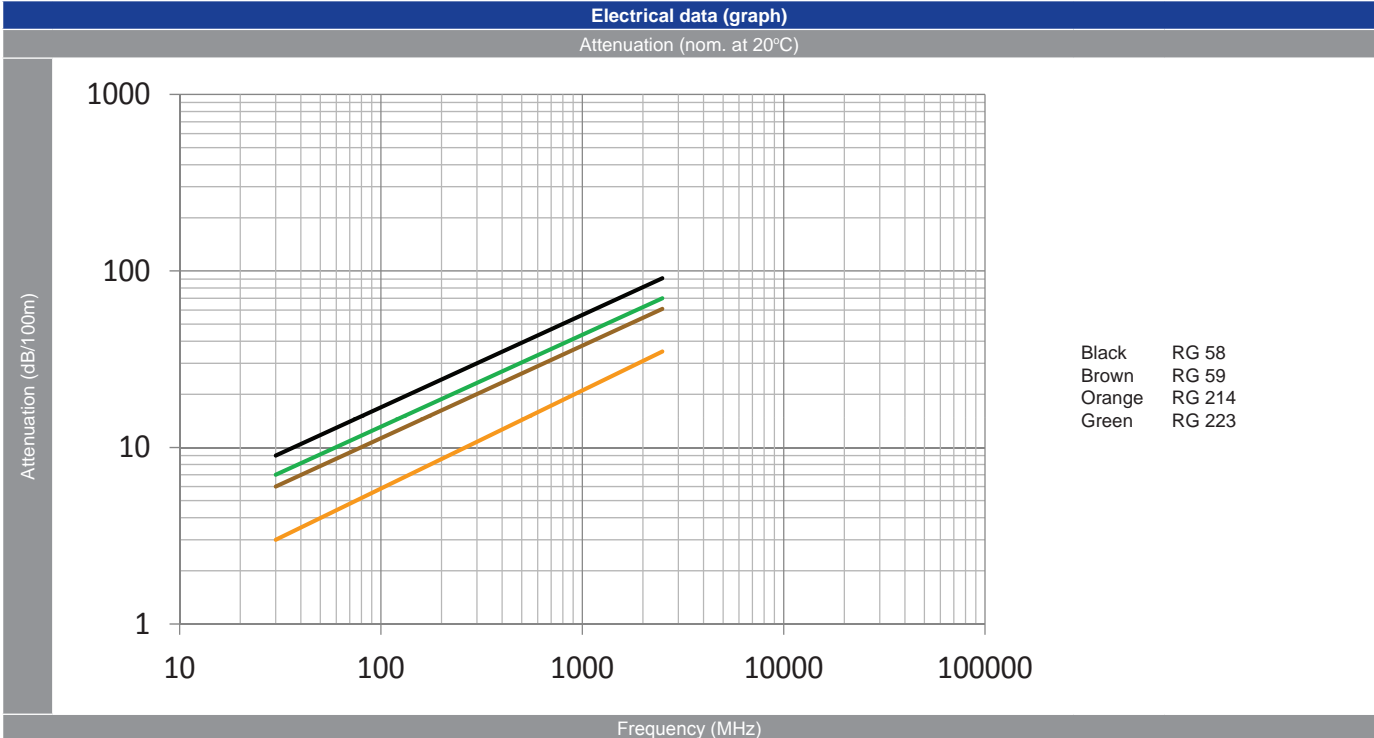
Electrical data (table)	Attenuation (dB/100m)						Power (W)					
	Frequency (MHz)						Frequency (MHz)					
	30	100	400	1,000	2,500	6,000	30	100	400	1,000	2,500	6,000
RG 58 (LS0H)	9	17	35	56	91	-	329	180	90	57	36	-
RG 59 (LS0H)	6	11	23	37	61	-	560	307	153	97	61	-
RG 214 (LS0H)	3	6	13	21	35	-	1,300	712	356	225	142	-
RG 223 (LS0H)	7	13	27	43	70	-	340	186	93	59	37	-

RG (LS0H) low smoke zero halogen coaxial cables

-40°C/+80°C

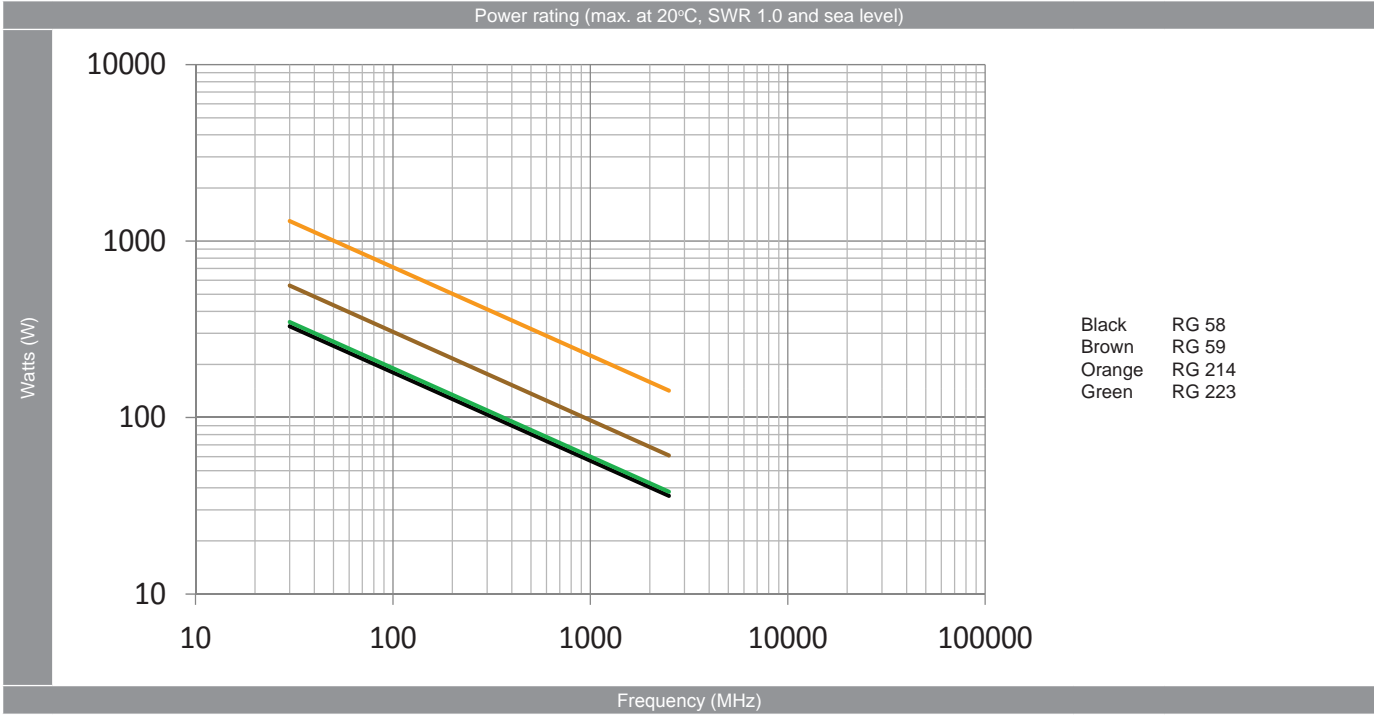
Application

Habia Cable's RG (LS0H) coaxials take the industry standard RG (PVC) type coaxials such as RG 58 and RG 59 and add a Low Smoke Zero Halogen (LSZH or LS0H) sheath. This provides a completely halogen free cable that is ideal for use in sensitive areas where the corrosive and toxic gasses released by PVC under fire-conditions are prohibited.



RG Coaxials

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Ref: RG_LS0H_03 Created: GJV Approved: AE Date: 2013-09-12

Data indicates nominal values unless stated otherwise, is only valid for reference purposes at the time of publication and is subject to change without prior notice.