


RG Coaxials / RGL

Low noise, high temperature coaxial cables

Intended for use in low noise applications at high and low temperatures


50 Ω

Order reference		Core			Finished cable			Electrical		
		Silver Plated Copper Covered Steel (SCCS)		PTFE & low noise layer	SPC braid	FEP	Weight	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s			In free air at 40°C	
Description	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	pF/m	Amps	V AC rms
RGL 316	3000031612	7 x 0.18	0.51	1.56 LN: 1.58	2.00	2.49	15	105	TBC	900

75 Ω

Description	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	pF/m	Amps	V AC rms
RGL 179	3000017904	7 x 0.10	0.30	1.60 LN: 1.62	2.05	2.54	16	75	TBC	900


50 Ω

Order reference		Core			Finished cable			Electrical		
		Silver Plated Copper Covered Steel (SCCS)		PTFE & low noise layer	SPC braid	Wrapped PTFE tape	Weight	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s			In free air at 40°C	
Description	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	pF/m	Amps	V AC rms
RGL 196	3000019601	7 x 0.10	0.30	0.89 LN: 0.91	1.35	2.00	9	105	TBC	500


75 Ω

Description	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	pF/m	Amps	V AC rms
RGL 187	3000018701	7 x 0.10	0.30	1.60 LN: 1.62	2.05	2.69	16	75	TBC	900

50 Ω

Order reference		Core			Finished cable			Electrical		
		Silver Plated Copper (SPC)		PTFE & low noise layer	SPC braid	FEP	Weight	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s			In free air at 40°C	
Description	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	pF/m	Amps	V AC rms
RGL 400	3148200504	19 x 0.20	0.98	2.98 LN: 3.00	1st: 3.55 2nd: 4.10	4.95	65	105	TBC	1,400



50 Ω

Order reference		Core			Finished cable			Electrical		
		Silver Plated Copper Copper Alloy (HSA)		PTFE & low noise layer	SPC braid	FEP	Weight	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s			In free air at 40°C	
Description	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	pF/m	Amps	V AC rms
SML 50	3000005001	Solid	0.16	0.52 LN: 0.54	0.80	1.00	3	105	TBC	400

Cable identification

Dielectric	Natural	<input type="radio"/>
Sheath	FEP: Brown-transparent	<input checked="" type="radio"/>
	PTFE: White	<input type="radio"/>
Marking	RGL ### - Habia Cable - Article No. - Year-Week - Batchcode	

Characteristics and key properties

		RoHS REACH LVD	VoP 70%	Current rating IEC 60287	Fluid resistant Fuel Oil Water	Flame resistant IEC 60332-1-2	Smoke free IEC 61034-2	MBR Fixed = 5x Ø Flexing = 10x Ø
							Temp low -55°C	Temp peak +200°C

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