Siechem
Wires & Cables

Siechem SieCar RG 58LL Coaxial Cable

Application

- ✓ Used in RF and communication systems.
- ✓ Coaxial cable to be used as car antenna cable and feeder cable.
- ✓ Automotive inner Wiring for communication and Electronic Devices.
- ✓ Automotive TV/ Radio.
- ✓ Drop Wire, House wiring to indoor.
- ✓ Monitoring / Security camera.

Product Construction

- ✓ Conductor : Annealed Plain Solid Copper Conductor
- ✓ Insulation : Foamed PE
- ✓ Colour : Natural
- ✓ Shielding : Al - PET - Al tape (Coverage 100 % Min)
- ✓ Braiding : ATC (85% Coverage) (34 AWG)
- ✓ Outer Sheath : Polyethylene
- ✓ Sheath Color : Black with White Strip & As per customer request

Technical Data

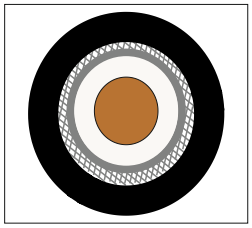
- ✓ Max. Operating Voltage : 300 V
- ✓ Operating Temperature : -40°C to +85°C (3000Hrs)
- ✓ Min. Bending radius : 5 x Cable OD
- ✓ Characteristic Impedance : 50 ± 3 Ω
- ✓ Nom. Capacitance : 81.4 ± 2 pF/km
- ✓ Velocity of Propagation ≈ 80 %
- ✓ Max. Shield Resistance at 20°C : 11.3 Ω/km

Features

- ✓ Low loss.
- ✓ Characteristic Impedance is constant in high frequency domain.
- ✓ Superior in flexibility, workability as being lightweight.
- ✓ It is high cover, low loss type.
- ✓ Reduces EMI/Signal interference.

Automotive Cables — **RG 58LL (PE)**

2D View



Approvals	Accreditations	Certifications

Part Number	Conductor Construction				Dia. over Insulation (Nom.)	Al - PET - Al Tape Thickness (Nom.)	ATC Braiding Wire Dia (Nom.)	Outer Sheath Thickness (Nom.)	Overall Diameter (Nom.)	Weight Approx.	Max. Conductor Resistance at 20°C
	No. of Core	Nominal Cross-Section	No. of Strand	Diameter of Wire (Nom.)							
	Nos.	AWG	Nos.	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
B956S810004	1	18	1	1.02	2.95 ± 0.08	0.07	0.16	0.63	4.90 ± 0.10	42	21.3

Freqency (MHz)	200	400	500	700	900	1000	1200	1600	1800	1900	2000
Max. Attenuation (dB/100m)	16.08	22.67	25.30	30.02	34.12	35.99	39.60	45.70	48.69	50.10	51.51
Freqency (MHz)	2400	2600	2700	2800	3000	3200	3400	3600	4000	5000	6000
Max. Attenuation (dB/100m)	55.77	58.56	59.71	60.70	62.50	64.30	65.78	68.08	75.12	85.31	95.46

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.

Catalogue No
B956S

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All information given are in good faith.Siechem's liability is only to replace the defective portion of cables provided the same is mutually established as manufacturing defects within the guarantee period as agreed in writing and Siechem shall not be liable for any compensation or damages. Siechem reserves the right to revise any of the above specifications without prior intimation. Subject to Chennai Jurisdiction.