Siechem
Wires & Cables

Siechem SieCar RG 58LL Coaxial Cable

Application

- ✓ 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.
- ✓ Ringing circuit connection between high frequency apparatus.

Product Construction

- ✓ Conductor : Annealed Plain Solid Copper Conductor
- ✓ Insulation : Foamed PP (Polypropylene)
- ✓ Shielded : Double Sided Aluminium Tape (Duofoil) (100% Coverage)
- ✓ Braiding : ATC (80% Coverage)
- ✓ Sheath : PVC, Black or Customer request

Technical Data

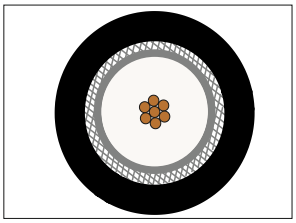
- ✓ Max. Operating Voltage : 300 V rms
- ✓ Temperature : -40°C to +105°C(3000 hrs)
- ✓ Test Voltage : 2 kV AC for 2 Seconds
- ✓ Characteristic Impedance : 50 ± 3 Ω
- ✓ Nom. Capacitance : 82.0 ± 3 pF/m at 1 KHz
- ✓ Nom. Velocity of Propagation : 80% speed of light.
- ✓ Min. Bending Radius : 5 x Cable OD
- ✓ Nom. Shield Resistance at 20°C : 17.1 Nom.

Features

- ✓ Supports High Bandwidth Levels
- ✓ Easy to Install
- ✓ Resistant to physical damage
- ✓ Less susceptible to noise interference compare to twisted pair.
- ✓ Highly resistant to EMI.
- ✓ Noise immunity due to a low error rate.

Automotive Cables | **Coaxial RG 58LL (PVC)**

2D View



Approvals	Accreditations	Certifications

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Part Number	Conductor Construction				Core Diameter (Nom)	Braiding wire Diameter (Nom)	Diameter Over Braiding (Nom)	Outer Sheath thickness (Nom)	Overall Diameter (Nom)	Weight Approx.	Conductor Resistance at 20°C (Max)
	Size	No. of Strands	Strand dia (Nom)	Conductor Diameter (Nom/Max)							
	AWG	Nos.	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
B959S810004	18	1	1.02	1.02/1.04	2.90 ± 0.10	0.127	3.56	0.70	4.90 ± 0.10	35	21.0

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

Freqency (MHz)	30	50	100	200	500	700	900	1000	1500	1800
Attenuation (dB/100m) Max	6.9	8.5	11.5	15.9	25.0	29.8	34.1	36.0	45.0	49.8
Freqency (MHz)	2000	2500	3000	3500	4000	4500	5000	5500	6000	
Attenuation (dB/100m) Max	52.9	60.1	66.8	73.2	79.3	85.1	90.8	96.3	101.6	

Catalogue No
B959S

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