

Siechem SieCar 50 ohm 0.14 Sqmm 105°C Coaxial Cable

Application

- ✓ Wireless and antenna application
- ✓ Used for interior lines for monitoring system, CCTV feeder lines, wiring between the camera and control unit and video signal transmission.
- ✓ Automotive radio antennas
- ✓ Used for high-frequency signal transmission

Product Construction

- ✓ Conductor : Copper Clad steel Conductor
- ✓ Insulation : Solid Polypropylene (PP)
- ✓ Core Identification : Natural
- ✓ Shielded : Double Sided Aluminium Tape (Duofoil) (100% Coverage)
- ✓ Braiding : ATC (80% Coverage)
- ✓ Sheath : PVC-Black or Customer request

Technical Data

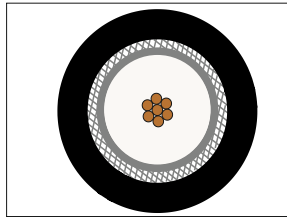
- ✓ Temperature : -40°C to +105°C (3000 hrs)
- ✓ Test Voltage : 2 kV AC
- ✓ Max. Operating Voltage : 60 V
- ✓ Impedance : 50 ± 3 Ω
- ✓ Max. Capacitance at 1KHz : 106 pF/m
- ✓ Nom. Velocity Ratio : 66%
- ✓ Min. Bending Radius :
 - (i) Single : 5 x Cable OD
 - (ii) Multiple : 10 x Cable OD
- ✓ Strip force :
 - (i) Conductor to Core : 10 - 30 N
 - (ii) Shield to Sheath : 10 - 30 N
- ✓ Min Shielding Attenuation : 75 dB

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 **50Ω Coaxial cable**

2D View

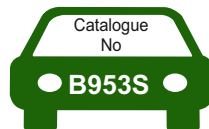


Approvals	Accreditations	Certifications

Part Number	Conductor Construction				Insulation Thickness (Nom)	Insulation Core Diameter (Nom)	Braiding wire Diameter (Nom)	Dia Over Braiding (Max)	Outer Sheath thickness (Nom)	Overall Diameter (Nom)	Weight Approx.	Conductor Resistance at 20°C
	Size	No. of Strands	Strand dia (Nom)	Conductor Diameter (Max)								
B953SA260004	Sq.mm	Nos.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
	0.14	7	0.16	0.50	0.49	1.52 ± 0.05	0.10	2.05 ± 0.10	0.38	2.80 ± 0.10	12	317

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

Frequency (GHz)	0.1	0.2	0.4	0.5	0.6	0.75	0.8	1.0	1.2	1.5	1.8	2.0
Attenuation (dB/100m) Max	27.6	38.6	53.2	60.5	66.9	76.5	78.6	88.0	97.3	109.5	121.0	128.6
Frequency (GHz)	2.2	2.25	2.5	2.8	3.0	3.5	3.75	4.0	4.5	5.0	5.5	6.0
Attenuation (dB/100m) Max	136.8	138.5	147.4	156.7	161.7	175.0	181.0	187.0	201.0	213.0	226.0	238.0



www.siechem.com