

Siechem Automotive SieCar 105-140 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 : Annealed Plain Copper Conductor
- ✓ Insulation : PP
- ✓ Core Identification : Natural
- ✓ Braiding : ATC
- ✓ Sheath : PVC, Black

Technical Data

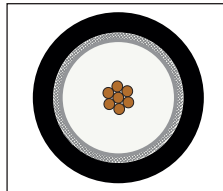
- ✓ Temperature : -40°C to + 105°C (3000 hrs)
- ✓ Test Voltage : 2 kV (AC)
- ✓ Max. Operating Voltage : 60V (DC)
- ✓ Nom. Capacitance 1 kHz : 99 pF/m
- ✓ Characteristic Impedance : 50 ± 3Ω (core-core)
- ✓ Stripping Force :
 - i) Conductor to Core : 2-17N
 - ii) Shield to Sheath : 8-30N
- ✓ Min. Bending Radius : 5 x Cable OD (Single)
10 x Cable OD (Multiple)

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.

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2D View



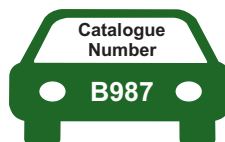
Approvals	Accreditations	Certifications

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Part Number	Conductor Construction				Insulation Core Diameter (Nom)	Braiding wire Diameter (Nom)	Diameter Over Braiding (Nom)	Outer Sheath Thickness (Min)	Overall Diameter (Nom)	Weight Approx.	Conductor Resistance at 20°C (Max)
	No. of wire x Size	No. of Strands	Strand dia Nom.	Conductor Diameter Max.							
B987A260004	1 x 0.14	7	0.16	0.50	1.52 ± 0.05	0.10	1.92 ± 0.1	0.4	2.80 ± 0.10	12	130

Freq. (MHz)	0.1	0.2	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5	2.8	3.0
Attenuation (dB/100m) at 20°C Nom.	29.7	41.8	66.2	81.9	91.9	100.8	115.5	128.5	135.5	145.5	155.1	165.9	171.1

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



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