

**Siechem SieCar 105-140 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 : Stranded Bare Copper Conductor, (EN 13602).
- ✓ Insulation : PP.
- ✓ Core Identification : Natural.
- ✓ Shielding : ATC -85 Cu ETP1 acc to EN 130602.
- ✓ Sheath : PVC-Black.

**Technical Data**

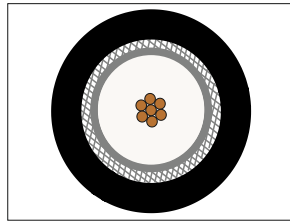
- ✓ Temperature : -40°C to + 105°C (3000 hrs).
- ✓ Test Voltage : 2 kV (AC).
- ✓ Max. Operating Voltage : 60V (DC).
- ✓ Nom. Capacitance 1 kHz : 99 pF/m.
- ✓ Characteristic Impedance : 50 ± 3Ω (core-core).
- ✓ Velocity of Propagation ≈ 66% of speed of light.
- ✓ Min. Bending Radius : 5 x Cable OD (Single).  
10 x Cable OD (Multiple).

**Features**

- ✓ Stable Characteristic Impedance.
- ✓ Excellent Shielding (EMI Protection).
- ✓ Low Signal Attenuation.
- ✓ High-Frequency Performance.
- ✓ Flexible & Easy Routing.
- ✓ Wide Compatibility.

**Automotive Cables SieCar 105-140**

**2D View**



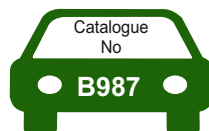
**Approvals Accreditations Certifications**



Part Number	Conductor Construction				Insulation Thickness (Nom)	Diameter Over Insulation Thickness (Nom)	Braiding Wire Diameter (Nom)	Diameter Over Braiding (Nom)	Outer Sheath Thickness (Nom)	Overall diameter (Nom)	Weight Approx.	Conductor Resistance at 30°C
	No. of wire x Size	No. of Strands	Strand dia Nom.	Conductor Diameter (Nom.)								
B987A260004	Nos x Sq.mm	Nos.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
	1 x 0.14	7	0.16	0.50	0.52	1.52 ± 0.05	(16x4) 0.10	1.92 ± 0.1	0.40	2.80 ± 0.10	12	130

Frequency (GHz)	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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