

**Siechem SieCar 1.5 DS-CV PVC Coaxial Cable**

**Application**

- ✓ RF 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 Tinned Copper Conductor
- ✓ Insulation : XLPE
- ✓ Core Identification : Natural
- ✓ Shielded : Al Mylar Tape (Double side)100% Coverage
- ✓ Braiding : ATC (90% Coverage)
- ✓ Sheath : PVC, Black or Customer request

**Technical Data**

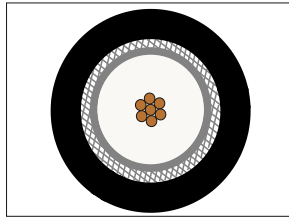
- ✓ Temperature : - 40°C to +105°C (3000 hrs)
- ✓ Test Voltage : 2 kV AC
- ✓ Min. Insulation Resistance :1000 MΩ. km
- ✓ Dielectric withstand Voltage :1000 V for 1 minutes
- ✓ Impedance : 50 ± 3 Ω
- ✓ Capacitance : 104 ± 5 pF/m
- ✓ Min. Bending Radius : 5 x Cables OD
- ✓ Velocity of Propagation ≈ 66% to 70% of speed of light.
- ✓ 1.5 : Approximate Outer Diameter of Insulator
- ✓ D : 50Ω
- ✓ S : Stranded Conductor
- ✓ C : Cross link Insulation
- ✓ V : One layer Outer Conductor PVC Sheet

**Features**

- ✓ Stable Impedance.
- ✓ Low attenuation.
- ✓ Excellent shielding.
- ✓ Flexibility & Light weight design.
- ✓ High - Frequency performance stability.



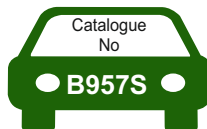
**2D View**



Part Number	Conductor Construction				Insulation Core Diameter (Nom)	Braiding wire Diameter Max	Dia Over Braid Max	Outer Sheath thickness (Min)	Overall Diameter (Nom)	Weight Approx.	Conductor Resistance at 20°C (Max)
	Size	No. of Strands	Strand dia Max.	Conductor Diameter Approx.							
B957SA570004	Sq.mm	Nos.	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
	0.27	7	0.22	0.6 ± 0.03	1.6 ± 0.1	0.11	2.2	0.31	3.0 ± 0.2	15	120

Frequency (MHz)	900	1500	1600	1900	2000	2500	3000
Attenuation (dB/100m)	76.0	104.0	108.0	120.0	123.0	140.0	159.0

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



www.siechem.com