

## Siechem SieCar 105-037 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.

### Features

- ✓ Supports High Bandwidth Levels.
- ✓ Easy to Install.
- ✓ Less susceptible to noise interference compare to twisted pair.
- ✓ Highly resistant to EMI.
- ✓ High-speed data transmission.
- ✓ Low insertion loss.

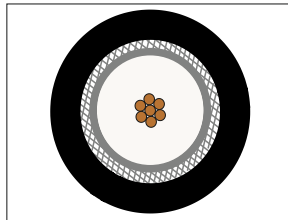
### Product Construction

- ✓ Conductor : Annealed Plain Copper Conductor
- ✓ Insulation : Cellular PP
- ✓ Core Identification : Natural
- ✓ Braiding : ATC
- ✓ Shielding :PETP-AL
- ✓ Sheath : PVC-Black

Automotive Cables

SieCar 105-037

### 2D View



### Technical Data

- ✓ Temperature : -40°C to + 105°C (3000 hrs)
- ✓ Max. Operating Voltage : 60V (DC)
- ✓ Nom. Capacitance 1 kHz : 88.50 pF/m
- ✓ Impedance : 50Ω
- ✓ Velocity of Propagation : 78%

#### Approvals

#### Accreditations

#### Certifications



Part Number	Conductor Construction				Diameter Over Insulation (Nom)	Diameter Over Shield (Nom)	Coverage for Shielding (Nom)	Overall Diameter (Nom)	Weight Approx. (kg/km)	Conductor Resistance at 20°C (Max) (Ω/km)
	Area Cross Section	No. of Strands	Strand dia Nom.	Conductor Diameter (Nom)						
	Sq.mm	Nos.	mm	mm	mm	mm	%	mm	kg/km	Ω/km
C471080004	0.75	7	0.37	1.11	2.95	3.58	95	4.95	39.00	25.50

Note : XX\* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

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

Frequency (GHz)	0.1	0.2	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.8	3.0	3.5	4.0	4.5	5.0	5.5	5.6	6.0
Attenuation (dB/100m) at 20°C Nom.	11.2	16.1	26	33.5	38	41.8	47.8	53.3	56.6	60	69.3	72.4	80.1	87.9	95.3	103.1	110.7	112.6	119.6



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