

Siechem Automotive SieCar Cable 105-566

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 Tinned Copper Conductor
- ✓ Insulation : Foamed PP
- ✓ Core Identification : Green, Red, Blue & Black
- ✓ Lay length (Nom) : 50mm
- ✓ Shielding : Aluminium Mylar Tape
- ✓ Braiding : ATC
- ✓ Sheath : PVC, Black

Technical Data

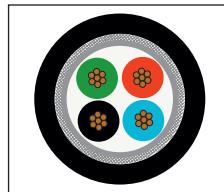
- ✓ Temperature : -40°C to + 105°C (3000 hrs)
- ✓ Test Voltage : 1 kV (AC) for 1 Minute
- ✓ Max. Operating Voltage : 60V (DC)
- ✓ Mutual Capacitance 1 kHz : ≤60 pF/m
- ✓ Characteristic Impedance : 90 ± 15Ω (core-core)
- ✓ Intra pair Skews & Inter pair skew : ≤ 250 ps/10m
- ✓ Shielding effectiveness : ≥ 55 dB at 20MHz
≥ 40 dB at 1GHz
- ✓ Min. Bending Radius : 5 x Cable OD
10 x Cable OD

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 **SieCar 105-566**

2D View



Approvals	Accreditations	Certifications

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Part Number	Conductor Construction				Diameter Over Insulation Thickness	Laid Up Diameter (Nom)	Braiding wire dia (Nom)	Dia over Braiding (Nom)	Outer Sheath Thickness (Min/Nom)	Overall Diameter (Nom)	Weight Approx. kg/km	Conductor Resistance at 20°C (Max) Ω/km
	No. of Wire x Size	No. of Strands	Strand dia Nom. mm	Conductor Diameter (Nom) mm								
B9860604	Nos x Sq.mm 4 x 0.5	Nos. 19	mm 0.182	mm 0.92	mm 1.70 ± 0.05	mm 4.10 ± 0.2	mm 0.10	mm 4.6±0.2	mm 0.50/0.70	mm 6.0 ± 0.20	kg/km 54	Ω/km 39

Freq. (MHz)	1	10	50	100	400	500	1000
Attenuation (dB/100m) at 20°C Max.	3	10	18	25	52	58	92

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

