



Siechem Automotive SieCar Cable 105-302-4

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 Bare Stranded Copper Conductor
- ✓ Insulation : Foamed PP, Natural
- ✓ Shielding : Aluminium mylar tape
- ✓ Braiding : ATC
- ✓ Sheath : Lead Free PVC, black

Technical Data

- ✓ Temperature : -40°C to + 105°C (3000hrs)
- ✓ Max. Operating Voltage : 60V (DC)
- ✓ Max. Mutual Capacitance @ 1 kHz : 94 pF/m (Core-Core)
- ✓ Characteristic Impedance : 50 ± 3Ω
- ✓ Min. Bending radius : 5 x Cable OD (Single)
15 x Cable OD (Multiple)
- ✓ Stripping force :
(i) Conductor to core : 10 - 30 N
(ii) Shield to sheath : 15 - 35 N

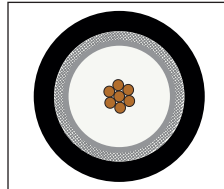
Features

- ✓ 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 105-302-4

2D View



Approvals Accreditations Certifications

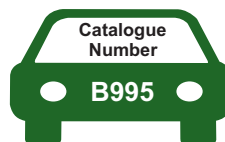


Part Number	Conductor Construction				Diameter Over Insulation Thickness (Nom)	Braiding Wire Diameter (Nom)	Diameter Over Braiding (Nom)	Outer Sheath Thickness (Nom)	Overall diameter (Nom)	Weight Approx.	Conductor Resistance at 30°C
	Size	No. of Strands	Strand dia Nom.	Conductor Diameter Approx.							
B995050004	Sq.mm	Nos.	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
	0.35	7	0.254	0.76	2.05 ± 0.05	0.10	2.6	0.35	3.3±0.10	17	53

Freq. (GHz)	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.8	2.0	2.2
Attenuation (dB/100m) Max.	17.9	21.1	30.3	37.0	43.7	48.9	53.6	60.5	66.3	70.5	74.0

Freq. (GHz)	2.5	2.8	3.0	3.5	4.0	4.5	5.0	5.5	5.6	6.0
Attenuation (dB/100m) Max.	79.7	84.8	88.1	96.6	104.2	112.3	120.4	127.8	129.3	134.9

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



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