

Siechem SieCar 105-302 Coaxial Cable

Application

- ✓ Wireless and antenna application.
- ✓ Rador sensor connection.
- ✓ Automotive radio antennas.
- ✓ Used for high-frequency signal transmission.

Features

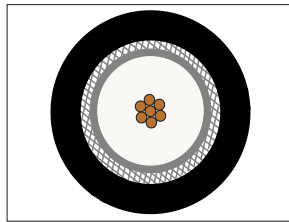
- ✓ Supports High Bandwidth Levels.
- ✓ Easy to Install.
- ✓ Less susceptible to noise interference compare to twisted pair.
- ✓ Highly resistant to EMI.
- ✓ High-speed data transmission.
- ✓ Low insertion loss.

Product Construction

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

Automotive Cables SieCar 105-302

2D View



Technical Data

- ✓ Temperature : -40°C to + 105°C (3000 hrs)
- ✓ Max. Operating Voltage : 60V (DC)
- ✓ Nom. Capacitance 1 kHz :85 pF/m
- ✓ Impedance : 50 Ω
- ✓ Velocity of propagation : 78%

Approvals	Accreditations	Certifications

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Part Number	Conductor Construction				Diameter Over Insulation (Nom)	Dia over Shielding (Nom)	Coverage for Shielding (Nom.)	Overall Diameter (Nom)	Weight Approx.	Conductor Resistance at 20°C (Max)
	Area Cross section	No. of Strands	Strand dia Nom.	Conductor Diameter (Nom)						
	Sq.mm	Nos.	mm	mm	mm	mm	%	mm	kg/km	Ω/km
C472710004	0.40	7	0.27	0.81	2.10	2.50	90	3.20	23	48.50

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	

Frequency (GHz)	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.	21.1	30.3	43.7	48.9	53.6	60.5	66.3	70.5	74.0	84.4	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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