

Siechem Automotive SieCar 105-462-5 Data Cable

Application

- ✓ Used as a multi-core signal/control cable used in electronic and communication equipment.
- ✓ Used for internal wiring in electronic devices.
- ✓ Used in Audio/Video connection cables and multimedia devices.

Product Construction

- ✓ Conductor : Standard bare copper covered steel conductor (40% iACS).
- ✓ Insulation : PP, Natural.
- ✓ Braiding : ATC, (Coverage 80%).
- ✓ Shielding : AL/PETP/AL, (Coverage 100%).
- ✓ Sheath : PVC, Black or as per customer specification.

Technical Data

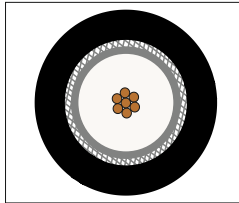
- ✓ Temperature : -40°C to + 105°C (3000hrs)
- ✓ Test Voltage : 2 kV (AC)
- ✓ Max. operating Voltage : 60V (DC)
- ✓ Capacitance @ 1 kHz : 106 pF/m
- ✓ Characteristic Impedance : 50 ± 3 Ω
- ✓ Velocity of propagation ≈ 66% of speed of light
- ✓ Bending radius :
Single : 3 x cable OD.
Multiple : 10 x cable OD.
- ✓ Velocity ratio : Nom. 66%.
- ✓ Shielding Attenuation : min 75dB.
- ✓ Strip force :
(i) Conductor to Core : 10-30 N
(ii) Shield to Sheath : 10-30 N

Features

- ✓ Smaller Outer Diameter.
- ✓ Lightweight and easy to handle.
- ✓ Good electrical conductivity for signal transmission.
- ✓ Easy to install.

Automotive Cables SieCar 105-462-5

2D View



Approvals | Accreditations | Certifications



Part Number	Conductor Construction				Insulation Thickness (Nom)	Insulation Core Diameter (Nom)	Braiding Wire dia (Nom)	Diameter Over Braiding (Nom)	Sheath Thickness (Nom)	Overall Diameter (Nom)	Weight Approx.	Conductor Resistance at 20°C (Max)
	Size	No. of Strands	Strand dia (Nom)	Conductor Diameter (Nom)								
	Sq.mm	Nos.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
B950SA260004	0.14	7	0.16	0.48	0.49	1.52 ± 0.05	(16x4) 0.10	2.05 ± 0.10	0.38	2.80 ± 0.10	12	317

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)	0.1	0.2	0.4	0.5	0.6	0.75	0.8	1.0	1.2	1.5	1.8	2.0
Attenuation (dB/100m) Nom.	27.6	38.6	53.2	60.5	66.9	76.5	78.6	88.0	97.3	109.5	121.0	128.6

Frequency (GHz)	2.2	2.25	2.5	2.8	3.0	3.5	3.75	4.0	4.5	5.0	5.5	6.0
Attenuation (dB/100m) Nom.	136.8	138.5	147.4	156.7	161.7	175.0	181.0	187.0	201.0	213.0	226.0	238.0

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



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