Siechem Coaxial SieCar 125-546-V Data 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

Product Construction

- ✓ Conductor : Annealed Tinned Copper Conductor
- ✓ Insulation : PP
- ✓ Core identification : Green & White
- ✓ Sheath : TPE-S Black

Technical Data

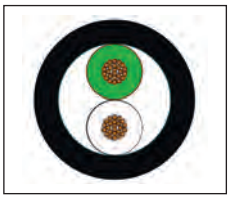
- ✓ Temperature : -40°C to + 125°C (3000hrs)
- ✓ Test Voltage : 1 kV (AC) for 1 minute
- ✓ Max. operating Voltage : 60V (DC)
- ✓ Characteristic Impedance : 100 ± 10 Ω
- ✓ Bending radius : 5 x Cable OD

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 125-546-V

2D View



Approvals	Accreditations	Certifications

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Part Number	Conductor Construction				Insulation Thickness (Min/Nom)	Insulation Core Diameter (Nom)	Sheath Thickness (Min/Nom)	Overall Diameter (Nom)	Weight Approx.	Conductor Resistance at 20°C (Max)
	No. of Core x Size	No. of Strands	Strand dia (Nom)	Conductor Diameter (Max)						
	Nos x Sq.mm	Nos.	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
C0890502	2 x 0.35	7	0.254	0.76	0.20/0.25	1.25 ± 0.05	0.5/0.70	4.0 ± 0.15	21	55.5

Freq. (MHz)	1	10	20	33	66
Insertion loss (dB/m) Max.	0.06	0.16	-	0.31	0.45
Return loss (dB) Max.	20	-	20	-	14.8

Freq. (MHz)	1	50	200
Min. Longitudinal Transfer loss (dB)	46	46	34
Min. Longitudinal Conversion loss (dB)	46	46	34

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

Catalogue Number
C089

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All information given are in good faith.Siechem's liability is only to replace the defective portion of cables provided the same is mutually established as manufacturing defects within the guarantee period as agreed in writing and Siechem shall not be liable for any other compensation or damages. Siechem reserves the right to revise any of the above specifications without prior intimation. Subject to Chennai Jurisdiction.