Siechem
Wires & Cables

Siechem Coaxial SieCar 125-547 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
- ✓ Separating Tape : Provided
- ✓ 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 : 3 x Cable OD

Features

- ✓ Supports High Bandwidth Levels, Easy to Install Resistant to physical damage, Less susceptible to noise interference compared to twisted pair.
- ✓ Highly resistant to EMI.
- ✓ Noise immunity due to a low error rate.

Automotive Cables SieCar 125-547

2D View

Approvals	Accreditations	Certifications

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Part Number	Conductor Construction				Insulation Thickness (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 (Nom)						
	Nos x Sq.mm	Nos.	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
TB6990102	2 x 0.13	7	0.154	0.48	0.18	0.82 ± 0.05	0.55/0.75	3.20 ± 0.20	12	180

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
TB699

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