Siechem
Wires & Cables

Siechem Automotive SieCar Cable 1.5 DS -QEHB

Application

- ✓ It is specially used for automotive signal transmission.
- ✓ Used in In-vehicle communication system.
- ✓ It is suitable for ADAS system, infotainment and multimedia.
- ✓ Used in industrial communication system.

Features

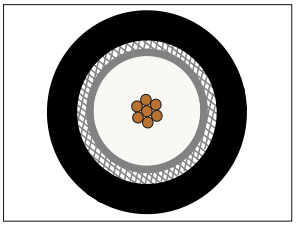
- ✓ Flexible.
- ✓ Light weight.
- ✓ Protection against EMI.
- ✓ Low attenuation.
- ✓ RoHS.
- ✓ Resistant to vibration & Mechanical stress.

Product Construction

- ✓ Conductor : Annealed Tinned Copper Conductor
- ✓ Insulation : XLPE
- ✓ Core Identification : Natural
- ✓ Shielding : Double Sided Aluminium Tape (duofoil) 100 % Coverage
- ✓ Braiding : ATC (90% Coverage)
- ✓ Sheath : PVC-Black

Automotive Cables	1.5D-QEHB

2D View



Technical Data

- ✓ Max. Operating Voltage : 60V (DC)
- ✓ Electrostatic capacity : 104 ± 5 nF/m
- ✓ Characteristic Impedance : 50± 2 Ω
- ✓ Dielectric withstand voltage : 1 kV AC foil insulation
- ✓ Min. Insulation thickness : 1000 m
- ✓ Velocity of propagation ≈ 66%

Approvals	Accreditations	Certifications

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Part Number	Conductor Construction				Diameter Over Insulation Thickness (Nom)	Dia over Insulation (Nom)	Braiding Wire dia (Nom)	Outer Sheath Thickness (Nom)	Overall Diameter (Nom)	Weight Approx.	Conductor Resistance at 20°C (Max)
	No. of cores x Area Cross Section	No. of Strands	Strand dia Nom.	Conductor Diameter (Nom)							
	Nos x Sq.mm	Nos.	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
C917A030004	1 x 0.18	7	0.18	0.54	0.5	1.60 ± 0.06	0.10	0.4	3.0 ± 0.2	14	120

Freqency (GHz)	58	0.9	1.5	1.9	2.0	2.5	3.0
Attenuation (dB/100m) at 20°C Nom.	244	73	94	107	110	130	.150

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

Catalogue No
C917A

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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 compensation or damages. Siechem reserves the right to revise any of the above specifications without prior intimation. Subject to Chennai Jurisdiction.