

Siechem 1.5CS-QEHV Antenna Cable

Application

- ✓ Car navigation system.
- ✓ Coaxial cable to be used as car antenna cable and feeder cable.
- ✓ Automotive inner Wiring for communication and Electronic Devices.
- ✓ Automotive TV/ Radio.
- ✓ Drop Wire, House wiring to indoor.
- ✓ Monitoring / Security camera.
- ✓ Ringing circuit connection between high frequency apparatus.
- ✓ In Vehicle digital broad casting receivers .

Product Construction

- ✓ Conductor : Annealed Tinned Copper Conductor
- ✓ Insulation : XLPE
- ✓ Insulation Colour : Natural
- ✓ Braiding :ATC
- ✓ Outer Sheath : Polyvinylchloride (PVC)
- ✓ Sheath Color : Black

Technical Data

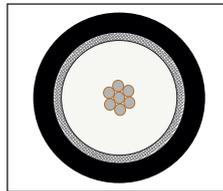
- ✓ Temperature : -40°C to +105°C
- ✓ Standard : ES 96220-01
- ✓ Nom. Capacitance at 1 kHz : 69 ± 4 nF / m
- ✓ Characteristic Impedance : 75 ± 3 Ω
- ✓ Insulation Tensile Strength (min) :
Before aging :1.05 kgf/mm² ;
After aging : (136°C /168H)>70%
- ✓ Insulation Elongation (min) :
Before aging : 150%;
After aging : (136°C / 168H)>45%
- ✓ Jacket Tensile Strength (min) :
Before aging : 1.05 kgf/mm² ;
After aging : (136°C / 168H)>70%
- ✓ Jacket Elongation (min) :
Before aging : 100 %;
After aging : (136°C / 168H)>45%
- ✓ Min. Cross Linking Degree (Ins) : 40 %
- ✓ Max. Conductor Strip Force (Ins) : 5.0 kgf
- ✓ Spark Test : 2kV AC
- ✓ Withstand Voltage : 1kV AC
- ✓ Heat Shrinkage rate : 4 % (100°C for 1 hour)

Features

- ✓ Low loss.
- ✓ Characteristic Impedance is constant in high frequency domain.
- ✓ We are superior in flexibility workability after being lightweight.
- ✓ It is high cover, low loss type.
- ✓ Flame Resistivity.

Automotive Cables **1.5CS-QEHV**

2D View



Approvals Accreditations Certifications



Part Number	Conductor Construction					Nominal Insulation Wall Thickness	Core Diameter	Nom. Braiding Wire Dia	Nom. Outer Sheath Thickness	Nom. Overall Diameter	Approx. Cable Weight	Max. Conductor Resistance at 20°C
	Nominal Cross-Section	No. of Core	No. of Strand	Strands Wire (Nom.)	Conductor Diameter (Max.)							
H811A100004	Sq.mm	Nos.	Nos.	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
	0.05	1	7	0.10 ± 0.008	0.3	0.60	1.60 ± 0.06	0.10	0.40	2.90 ± 0.1	13.5	390

Freq. (GHz)	1	10	30	200
Attenuation (dB/100m) Nom.	0.031	0.098	0.178	0.460

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



www.siechem.com