

Siechem Automotive SieCar Cable 1.5 DS -PPHBE M

Application

- ✓ Used in vehicle communication and GPS system.
- ✓ It is designed for high-speed signal transmission inside vehicles.
- ✓ Suitable for ADAS, infotainment systems.
- ✓ Vehicle camera and electric mirror

Features

- ✓ Light weight.
- ✓ Low loss.
- ✓ Flexible.
- ✓ Halogen free.
- ✓ Anti-soldring/React resistant/Anti-noise.
- ✓ Improve anti-ageing performance.
- ✓ Complies RoHS.

Product Construction

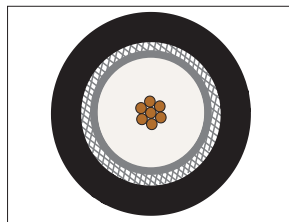
- ✓ Conductor : Annealed Tinned Copper Conductor
- ✓ Insulation : PP
- ✓ Core Identification : White
- ✓ Shielding : Copper Tape
- ✓ Braiding : ATC (90 % Coverage)
- ✓ Sheath : FRPE (Halogen Free Flame Retardant Polyethylene) - Black

Technical Data

- ✓ Temperature : -40°C to + 85°C (3000 hrs)
- ✓ Max. Operating Voltage : 60V (DC)
- ✓ Capacitance 1 kHz : 104 ± 5 nF/m
- ✓ Characteristic Impedance : 50± 2 Ω
- ✓ Min. Insulation Resistance : 1000 MΩ- km
- ✓ Dielectric withstand voltage : 1KV AC for 1 min.
- ✓ Velocity of propagation ≈ 68%.

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2D View



Approvals Accreditations Certifications



Part Number	Conductor Construction				Diameter Over Insulation Thickness (Nom)	Insulation Thickness (Nom)	Braid wire dia (Nom)	Outer Sheath Thickness (Nom)	Overall Diameter (Nom)	Weight Approx. kg/km	Conductor Resistance at 20°C (Max) Ω/km
	No.of Cores x No. of Size	No. of Strands	Strand dia Nom.	Conductor Diameter (Nom)							
C916A190904	Nos xSq.mm	Nos.	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
	1 x 0.18	7	0.18	0.54 ± 0.024	1.6 ± 0.1	0.50	0.10	0.50	3.0 ± 0.2	14	120

Frequency (MHz)	900	1500	1600	2500	5000	5800	6000
Attenuation (dB/km)at 20°C (Max.Attenuation shall be less than 115% of the below given standard attenuation)	730	940	970	1300	1860	2030	2080

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



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