

Siechem SieCar FL09YHBCYW Coaxial 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.
- ✓ Designed for Harsh environments.

Product Construction

- ✓ Conductor : Annealed Plain Copper Conductor DIN EN 13602
- ✓ Insulation : Foamed Polypropylene (PP)
- ✓ Foil Screen : Aluminium Tape (Dual Foil) Al-PETP (Al-foil)
- ✓ Braiding : ATC (92% Coverage) EN 13602
- ✓ Sheath : PVC, Lead free, Black, 100°C

Technical Data

- ✓ Operating Temperature : -40°C to +105°C (3000hrs)
- ✓ Test Voltage : 2.0 kV for 3 seconds
- ✓ Impedance : 50 ± 3 Ω
- ✓ Max.Capacitance : 94 pF/m
- ✓ Min. Bending Radius
 - (i) Single : 5 x Cable OD
 - (ii) Dynamic : 15 x Cable OD
- ✓ FL : Automotive Cable
- ✓ YH : Heat resistant
- ✓ B : Braided
- ✓ C : Shield
- ✓ Y : PVC
- ✓ W : Additional protective outer layer

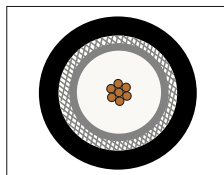
Features

- ✓ Resistant to oil & fuel, heat ageing, vibrations, mechanical stress
- ✓ Easy to Install
- ✓ Excellent high-frequency performance.
- ✓ Low attenuation for automotive RF signal
- ✓ Highly resistant to EMI.
- ✓ Noise immunity due to a low error rate.

Automotive Cables

FL09YHBCYW

2D View



Approvals Accreditations Certifications

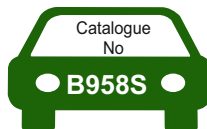


Part Number	Conductor Construction				Insulation wall diameter (Min/Max)	Braiding wire diameter (Max)	Dia Over Braiding (Nom)	Outer Sheath Thickness (Min)	Overall Diameter (Nom)	Weight Approx.	Conductor Resistance at 20°C (Max)
	Size	No. of Strands	Strand dia Nom.	Conductor Diameter Max.							
B958S050004	Sq.mm	Nos.	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
	0.35	7	0.26	0.81	2.0/2.1	0.11	2.6 ± 0.1	0.16	3.3 ± 0.10	19	52

Frequency (MHz)	200	400	800	1000	1200	1500	1800	2000	2200	2500	2800	3000	3500
Nom. Attenuation (dB/100m)	21.1	30.3	43.7	48.9	53.6	60.5	66.3	70.5	74.0	79.7	84.4	88.1	96.6

Frequency (MHz)	50	100	200	400	800	1000	1200	1500	1800	2000	2200
Max. Attenuation (dB/100m)	12.9	17.9	24.0	36.3	53.0	60.1	66.7	76.0	84.7	90.2	95.5

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



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