

**Siechem SieCar FL09YCYW 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

**Product Construction**

- ✓ Conductor : Steel Copper Wire.
- ✓ Insulation : Foamed Polypropylene (PP)
- ✓ Shore hardness : D 61 ± 5
- ✓ Shielding : ATC (Coverage 89%).
- ✓ Sheath : PVC, Class B, Black
- ✓ Shore hardness : A 86 ± 7

**Technical Data**

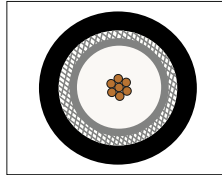
- ✓ Operation Temperature : -40°C to +105°C (3000hrs)
- ✓ Test Voltage : 2.0 kV for 3 seconds
- ✓ Impedance (100MHz) : 75 ± 3Ω
- ✓ Nom. Capacitance : 58 pF/m at 800 Hz
- ✓ Min. Bending Radius :  
Static : 5 x cable OD  
Flexible : 15 x Cable OD
- ✓ FL : Automotive
- ✓ 09Y : Foamed PP
- ✓ C : Screening
- ✓ Y : PVC
- ✓ W : Additional Protective Layer.

**Features**

- ✓ Supports High Bandwidth Levels
- ✓ Easy to Install & Light Weight.
- ✓ Ultra flexible design.
- ✓ Resistant to Oil, fuel, Vibration & Mechanical stress.
- ✓ Highly resistant to EMI.
- ✓ Noise immunity due to a low error rate.

Automotive Cables **FL09YCYW**

**2D View**



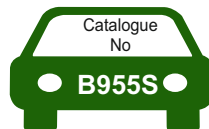
**Approvals Accreditations Certifications**



Part Number	Conductor Construction				Diameter insulation Thickness (Nom)	Braiding wire diameter (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 Approx.						
B955SA100004	Sq.mm	Nos.	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
	0.05	7	0.10	0.30	1.42 ± 0.10	0.10	0.20	2.7±0.1	9.4	1113

Frequency (MHz)	50	100	400	800	900	1000	1500	1900	2000	2100	2400	2500	3000
Max. Attenuation acc. to LV213 (dB/100m)	22.4	29.4	58.0	85.0	91.0	97.0	124.0	143.0	148.0	153.0	166.0	171.0	192.0

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



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