

Siechem SieCar FL9YBCYW 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, CCS 40% iACS
- ✓ Insulation : Solid Polypropylene (PP)
- ✓ Shielded : Double Sided Aluminium Tape (Duofoil) (Al-PETP-Al foil) min. 20% Overlap.
- ✓ Braiding : ATC (Coverage > 80%).
- ✓ Sheath : PVC Class B,
Black or Customer request.

Technical Data

- ✓ Temperature : -40°C to +105°C (3000 hrs)
- ✓ Test Voltage : 1.0 kV for 3 seconds
- ✓ Impedance : 50 ± 3 Ω
- ✓ Max. Capacitance : 106 pF/m
- ✓ Shielding efficiency : > 60 dB
- ✓ Min Bending Radius :
 - (i) Single : 3 x Cable OD
 - (ii) Multiple : 10 x Cable OD
- ✓ Velocity of propagation ≈ 66% speed of light
- ✓ FL : Automotive
- ✓ 9Y : Polypropylene
- ✓ B : Aluminium Tape
- ✓ C : Braiding
- ✓ Y : PVC
- ✓ W : Heat Resistant.

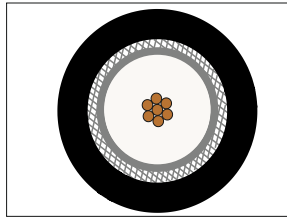
Features

- ✓ Supports High Bandwidth Levels
- ✓ Easy to Install
- ✓ Resistant to physical damage.
- ✓ Highly resistant to EMI.
- ✓ Noise immunity due to a low error rate.

Automotive Cables

FL9YBCYW

2D View



Approvals Accreditations Certifications

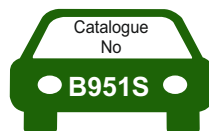


Part Number	Conductor Construction				Insulation Core Diameter (Nom)	Braiding wire Diameter (Nom)	Diameter Over Braiding (Nom)	Outer Sheath thickness (Min.)	Overall Diameter (Nom)	Weight Approx.	Conductor Resistance at 20°C (Max)
	Size	No. of Strands	Strand dia Nom.	Conductor Diameter Max.							
B951SA260004	Sq.mm	Nos.	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
	0.14	7	0.16	0.50	1.52 ± 0.05	0.10	2.05 ± 0.1	0.26	2.8 ± 0.1	12	320

SIGNAL ATTENUATION

Frequency (MHz)	100	200	500	750	800	1000	1200	1500	1800	2000	2200
Nom. Attenuation (dB/100m)	27.6	38.6	60.5	76.5	78.6	88.0	97.3	109.5	121.0	128.6	136.8
Frequency (MHz)	2250	2500	2800	3000	3500	3750	4000	4500	5000	5500	6000
Nom. Attenuation (dB/100m)	138.5	147.4	156.7	161.7	175.0	181.0	187.0	201.0	213.0	226.0	238.0

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



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