



Application

- ✓ Suitable for application inside the engine Compartment

Product Construction

- ✓ Conductor : Aluminium 99.7 % $\geq 1.25\text{mm}^2$
Aluminium alloy $\leq 1.25\text{mm}^2$
- ✓ Insulation : Soft -PVC With properties according to ISO 6722-2 Class C

Technical Data

- ✓ Temperature Range :
- 40°C to +125°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables $< 0.5\text{mm}^2$
5kV (r.m.s.) for cables $\geq 0.5\text{mm}^2$
- ✓ FL : Automotive cable
- ✓ AL : Aluminum Conductor
- ✓ R : Reduced wall thickness
- ✓ YW : Hot pressure resistance
- ✓ Standard : ISO 6722, Class C

Features

- ✓ Hot pressure resistance
- ✓ Considerable weight savings compared to copper

Automotive
Cables

FLALRYW

ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS TM Certification

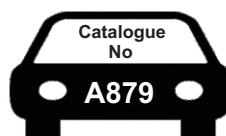
Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Cable		Current Carrying Capacity	Max. Conductor Resistance at 20°C	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire max.	Conductor Diameter Nom.		Overall Diameter Max.	Weight Approx.			
	mm ²	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
A87908XX*	0.75	11	0.3	1.3	0.24	1.9	4	15	43.6	500
A87910XX	1	16	0.29	1.5	0.24	2.1	5	18	32.7	500
A87912XX	1.25	16	0.32	1.7	0.24	2.3	6	21	24.8	500
A87913XX	1.5	16	0.35	1.8	0.24	2.4	7	23	21.2	500
A87914XX	2	15	0.42	2.0	0.28	2.8	9	28	15.7	500
A87916XX	2.5	19	0.43	2.2	0.28	3.0	12	32	12.7	500
A87917XX	3	23	0.42	2.4	0.32	3.4	14	38	10.2	500
A87919XX	4	30	0.42	2.8	0.32	3.7	17	45	7.85	500
A87921XX	5	36	0.42	3.1	0.32	4.2	19	51	6.57	500
A87923XX	6	45	0.42	3.4	0.32	4.3	23	58	5.23	500
A87925XX	8	59	0.42	4.3	0.32	5.0	29	70	3.97	500
A87927XX	10	50	0.52	4.5	0.48	6.0	43	83	3.03	500
A87928XX	16	78	0.52	5.8	0.52	7.2	63	111	1.93	500

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

- ✓ Current Carrying capacity given is for the maximum conductor operating temperature of 125°C and ambient air temperature of 40°C.

- ✓ * Other length as per Customer order.



Siechem Wires & Cables Meet EU RoHS Directive

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