



Application

- ✓ Tele communication overhead Contract Line and electronics

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 B

Technical Data

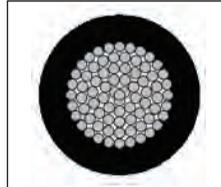
- ✓ Temperature Range :
- 40°C to +105°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables $< 0.5\text{mm}^2$
5kV (r.m.s.) for cables $\geq 0.5\text{mm}^2$
- ✓ FL : Automotive cable
- ✓ AL : Aluminum Conductor
- ✓ R : Reduced wall thickness
- ✓ Y : PVC insulation
- ✓ Standard : ISO 6722, Class B

Features

- ✓ Considerable weight savings compared to copper.
- ✓ Cables with cross- section $> 10\text{mm}^2$ Can be used as battery cables .

Automotive Cables **FLALRY**

2D View



Approvals	Accreditations	Certifications

**

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
A87808XX*	0.75	11	0.3	1.3	0.24	1.9	4	15	43.6	500
A87810XX	1	16	0.29	1.5	0.24	2.1	5	18	32.7	500
A87812XX	1.25	16	0.32	1.7	0.24	2.3	6	21	24.8	500
A87813XX	1.5	16	0.35	1.8	0.24	2.4	7	23	21.2	500
A87814XX	2	15	0.42	2.0	0.28	2.8	9	28	15.7	500
A87816XX	2.5	19	0.43	2.2	0.28	3.0	12	32	12.7	500
A87817XX	3	23	0.42	2.4	0.32	3.4	14	38	10.2	500
A87819XX	4	30	0.42	2.8	0.32	3.7	17	45	7.85	500
A87821XX	5	36	0.42	3.1	0.32	4.2	19	51	6.57	500
A87823XX	6	45	0.42	3.4	0.32	4.3	23	58	5.23	500
A87825XX	8	59	0.42	4.3	0.32	5.0	29	70	3.97	500
A87827XX	10	50	0.52	4.5	0.48	6.0	43	83	3.03	500
A87828XX	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.

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



www.siechem.com