



Application

- ✓ Low-tension electric wire for Automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

Product Construction

- ✓ Conductor : Soft-annealed electrolytic Copper E-Cu ETP1 according to DIN EN 13602, bare conductor
- ✓ Insulation : Plasticized PVC with properties according to ISO 6722, Class B, Lead free
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

- ✓ Temperature Range : - 40°C to +105°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm² 5kV (r.m.s.) for cables ≥ 0.5 mm²
- ✓ FL : Automotive cable
- ✓ R : Reduced wall thickness
- ✓ Y : PVC
- ✓ T2 : Temp 105°C
- ✓ IR : Reduced insulation
- ✓ Standard : PSA STE 9641879499 IR

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Flexible conductors with PVC thin wall insulation with increased mechanical strength.
- ✓ Extra flexibility.

Automotive Cables **FLRY T2 IR**

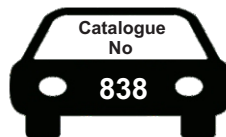
ISO 9001	ISO 14001	IATF 16949	OHSAS 18001	IRIS TM Certification
LABCO	ARAI [®] Progress through Research	REACH COMPLIANT	RoHS COMPLIANT	CE

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
83805XX*	0.35	7	0.26	0.8	0.22	1.4	5	10	55.9	500
83806XX	0.5	16	0.21	1.0	0.28	1.7	7	14	37.1	500
83808XX	0.75	24	0.21	1.2	0.30	1.9	10	17	24.7	500
83810XX	1	32	0.21	1.4	0.30	2.15	12	21	19.5	500
83813XX	1.5	30	0.26	1.7	0.30	2.40	17	27	12.7	500
83814XX	2	37	0.26	1.9	0.35	2.80	21	32	10.0	500
83816XX	2.5	50	0.26	2.2	0.35	3.00	27	38	7.6	500
83817XX	3	45	0.31	2.4	0.40	3.45	34	44	6.06	500
83819XX	4	56	0.31	2.8	0.40	3.9	44	51	4.95	500
83821XX	5	70	0.31	3.0	0.40	4.0	54	58	3.94	500
83823XX	6	84	0.31	3.3	0.40	4.5	63	67	3.14	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 105°C and ambient air temperature of 40°C.
- ✓ * Other length as per Customer order.



Siechem Wires & Cables Meet EU RoHS Directive

Lead Free	Hg Free	Cd Free	Cr ⁶⁺ Free	PBB Free	PBDE Free
-----------	---------	---------	-----------------------	----------	-----------

www.siechem.com