



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 13602, bare or tinned. Conductor construction according to DIN 72551, Part 6, type A and ISO 6722 (concentric construction-unilay).
- ✓ Insulation : Plasticized PVC with properties according to DIN 72551 and ISO 6722, Class B, Lead free.
- ✓ Colour : As per customer order.

Technical Data

- ✓ Temperature Range : - 40°C to +105°C (3000 Hours)
- ✓ Standard : DIN 72551 - 6
BMW GS 95007-1
Ford WSK 1A348-A2
FIAT 91107/13
- ✓ Test Voltage : 3KV i.e <0.5mm²
5KV i.e >0.5mm²
- ✓ FL : Automotive cable, low voltage
- ✓ R : Reduced insulation wall thickness
- ✓ Y : PVC
- ✓ Type A : Concentric (Unilay) Conductor
- ✓ Conductor Resistance: IEC 60228/BS 6360

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.

Automotive Cables **FLRY - A**

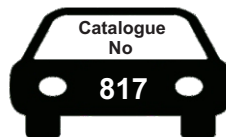
ISO 9001	ISO 14001	IATF 16949	OHSAS 18001	IRIS TM Certification	LABCO	ARAI [®] Progress through Research	REACH COMPLIANT	RoHS COMPLIANT	CE
----------	-----------	------------	-------------	----------------------------------	-------	---	-----------------	----------------	----

Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable		Max. Conductor Resistance at 20 ⁰ C		Current Carrying Capacity Amps	Standard Length* mtrs
	Nominal Cross-Section mm ²	No. of Strands nos.	Diameter of Single wire max. mm	Conductor Diameter Max. mm		Overall Diameter Max. mm	Weight Approx. kg/km	Bare	Tinned		
								Ω/km	Ω/km		
81702XX*	0.22	7	0.21	0.7	0.20	1.20	3	84.8	86.5	8	500
81705XX	0.35	7	0.26	0.80	0.22	1.30	5	52.0	54.5	10	500
81706XX	0.5	19	0.19	1.0	0.22	1.60	6	37.1	38.2	13	500
81708XX	0.75	19	0.23	1.2	0.24	1.90	9	24.7	25.4	17	500
81710XX	1	19	0.26	1.35	0.24	2.10	11	18.5	19.1	21	500
81713XX	1.5	19	0.32	1.7	0.24	2.40	16	12.7	13.0	27	500
81716XX	2.5	19	0.41	2.20	0.28	3.00	26	7.6	7.8	38	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