

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 conductor
- ✓ Insulation : PVC, according to ISO 6722, Class B
- ✓ Screen: ATC braiding
- ✓ Sheath: PVC, Lead free Class B
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

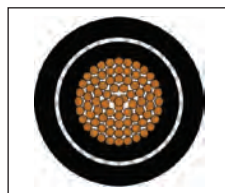
- ✓ Temperature Range : - 40°C to +105°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm²
5kV (r.m.s.) for cables ≥ 0.5 mm²
- ✓ FL : Automotive cable
- ✓ R : Reduced wall thickness
- ✓ Y : PVC
- ✓ D : Copper wire spiral Shield
- ✓ Y : PVC
- ✓ Standard : ISO 6722, Class B

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 **FLRYDY**

2D View



Approvals	Accreditations	Certifications

Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Sheath wall Thickness	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 Nom.	Weight Approx.			
85508XXYY*	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
85510XXYY	0.75	24	0.21	1.2	0.3	0.3	2.7	20	20	24.7	500
85513XXYY	1.0	32	0.21	1.35	0.3	0.3	2.9	23	24	18.5	500
	1.5	30	0.26	1.7	0.3	0.3	3.2	29	30	12.7	500

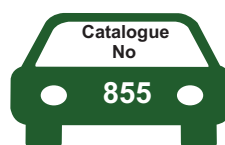
Note : XX*YY* : Please add last two digits in the part number as per the colour code given hereunder replacing XX YY while ordering.

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.

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



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