

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 : Plasticized PVC with properties according to ISO 6722, Class C, Lead free
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

- ✓ Temperature Range : - 40°C to +125°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
- ✓ YW: Heat resistant
- ✓ B : Un symmetrical
- ✓ Standard : DBL 6312
Ford ES- AU5T-1A348

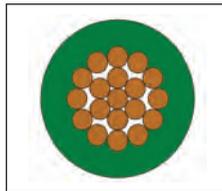
Features

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

Automotive Cables

FLRYW-B

2D View



Approvals | Accreditations | Certifications



Part Number	Conductor Construction				Insulation Wall Thickness Min.	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
83705XX*	0.35	12	0.21	0.9	0.20	1.4	5	12	54.4	500
83706XX	0.5	16	0.21	1.0	0.22	1.6	6	15	37.1	500
83708XX	0.75	24	0.21	1.2	0.24	1.9	9	19	24.7	500
83710XX	1	32	0.21	1.35	0.24	2.1	12	23	18.5	500
83713XX	1.5	30	0.26	1.7	0.24	2.4	17	30	12.7	500
83714XX	2	28	0.31	2.0	0.28	2.8	24	37	9.42	500
83716XX	2.5	50	0.26	2.2	0.28	3.0	28	42	7.6	500
83717XX	3	45	0.31	2.4	0.28	3.4	34	48	6.15	500
83719XX	4	56	0.31	2.75	0.32	3.7	44	57	4.71	500
83723XX	6	84	0.31	3.3	0.32	4.3	64	74	3.14	500
83727XX	10	380	0.41	4.5	0.48	5.8	113	107	1.82	500
83728XX	16	126	0.41	5.5	0.52	7.0	171	141	1.16	500
83730XX	25	196	0.41	7.0	0.52	8.7	255	187	0.743	500
83758XX	40	308	0.41	9.60	0.71	11.10	395	244	0.473	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.



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