

**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 6722-1, Class C, Lead free
- ✓ Colour : As per customer order.
- ✓ Single core

**Technical Data**

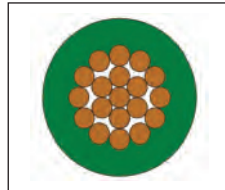
- ✓ Temperature Range : - 40°C to +125°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm<sup>2</sup>  
5kV (r.m.s.) for cables ≥ 0.5 mm<sup>2</sup>
- ✓ FL: Automotive cable
- ✓ R: Reduced wall thickness
- ✓ YW: Heat resistant
- ✓ B : Asymmetrical
- ✓ Standard : ISO 6722-1

**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 Max.		Overall Diameter Max.	Weight Approx.			
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
C22105XX	0.35	12	0.21	0.90	0.20	1.4	5	12	54.4	500
C22106XX	0.5	16	0.21	1.10	0.22	1.6	6	15	37.1	500
C22108XX	0.75	24	0.21	1.30	0.24	1.9	9	19	24.7	500
C22110XX	1	32	0.21	1.50	0.24	2.1	12	23	18.5	500
C22113XX	1.5	30	0.26	1.80	0.24	2.4	17	30	12.7	500
C22114XX	2	28	0.31	2.00	0.28	2.8	24	37	9.42	500
C22116XX	2.5	50	0.26	2.20	0.28	3.0	28	42	7.6	500
C22117XX	3	44	0.31	2.40	0.32	3.4	34	48	6.15	500
C22119XX	4	56	0.31	2.80	0.32	3.7	44	57	4.71	500
C22123XX	6	84	0.31	3.40	0.32	4.3	64	74	3.14	500
C22127XX	10	80	0.41	4.50	0.48	6.0	113	107	1.82	500
C22128XX	16	126	0.41	5.80	0.52	7.2	171	141	1.16	500
C22130XX	25	196	0.41	7.20	0.52	8.7	255	187	0.743	500
C22158XX	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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