

**Application**

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

**Product Construction**

- ✓ Conductor : Soft-annealed electrolytic Copper E-Cu ETP1 according to DIN 13602, bare conductor (Asymmetrical)
- ✓ Insulation : PA (Polyamide) (Thin Wall)
- ✓ Colour : As per customer order.
- ✓ Single core

**Technical Data**

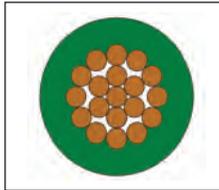
- ✓ Temperature Range : - 40°C to +105°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm<sup>2</sup> 5kV (r.m.s.) for cables ≥ 0.5 mm<sup>2</sup>
- ✓ FL : Automotive cable
- ✓ R : Reduced wall thickness
- ✓ 4Y : Polyamide
- ✓ B : Asymmetrical (Structure B)
- ✓ Standard : ISO 6722, Class B

**Features**

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Extra flexibility.
- ✓ Out standing fuel resistance

Automotive Cables **FLR4Y-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
A84002XX *	0.22	7	0.21	0.70	0.20	1.2	3.5	8	84.8	500
A84005XX	0.35	12	0.21	0.90	0.20	1.4	5.0	10	54.4	500
A84006XX	0.5	16	0.21	1.10	0.22	1.6	6.0	13	37.1	500
A84008XX	0.75	24	0.21	1.30	0.24	1.9	9.0	18	24.7	500
A84010XX	1	32	0.21	1.50	0.24	2.1	11.0	21	18.5	500
A84012XX	1.25	16	0.33	1.70	0.24	2.3	15.0	25	14.9	500
A84013XX	1.5	30	0.26	1.80	0.24	2.4	17.5	27	12.7	500
A84016XX	2.5	50	0.26	2.20	0.28	3.0	26.0	38	7.60	500
A84019XX	4	56	0.31	2.80	0.32	3.7	40	52	4.71	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	Green-yellow - 29

✓ 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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