

**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 : TPE- E (Thermoplastic Polyester Elastomer)
- ✓ Colour : As per customer order.
- ✓ Single core

**Technical Data**

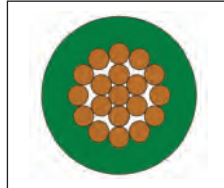
- ✓ Temperature Range : - 40°C to +150°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm<sup>2</sup> 5kV (r.m.s.) for cables ≥ 0.5 mm<sup>2</sup>
- ✓ FL : Automotive cable
- ✓ R : Reduced wall thickness
- ✓ 12Y : Thermoplastic Polyester Elastomer
- ✓ A : Symmetrical
- ✓ Standard : ISO 6722-1, Class D

**Features**

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Excellent mechanical properties
- ✓ Fuel resistance
- ✓ Excellent thermal stability

Automotive Cables **FLR12Y - A**

**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
A89302XX*	0.22	7	0.21	0.70	0.20	1.2	3	10	84.8	500
A89305XX	0.35	7	0.27	0.90	0.20	1.3	5	11	54.4	500
A89306XX	0.5	19	0.19	1.10	0.22	1.6	6	14	37.1	500
A89308XX	0.75	19	0.24	1.30	0.24	1.9	9	18	24.7	500
A89310XX	1	19	0.27	1.50	0.24	2.1	11	22	18.5	500
A89313XX	1.5	19	0.33	1.80	0.24	2.4	16	28	12.7	500
A89316XX	2.5	19	0.41	2.20	0.28	3.0	26	40	7.6	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 of 150° 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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