

Application

- ✓ Low-tension electric wire for Automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.
- ✓ Especially used for circuits requiring heat resistance.

Features

- ✓ Excellent conductivity.
- ✓ High dielectric strength.
- ✓ RoHS.
- ✓ Electron Beam Cross-Linked.
- ✓ Ideal for low-voltage signal and communication systems.
- ✓ High tensile strength.
- ✓ Resistant to oils, fuels, acids, and alkalis.
- ✓ Low capacitance and power loss.

Product Construction

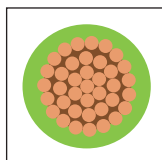
- ✓ Conductor : Stranded Cu Mg alloy.
- ✓ Insulation : EBXL - Polypropylene, (Reduced wall thickness).
- ✓ Color : As per customer order.

Technical Data

- ✓ Temperature Range : -40°C to 125°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Min.Bending radius : 5 x Cable OD (static).
- ✓ FL - Automotive Cable.
- ✓ M - Other then plain copper conductor material.
- ✓ R - Reduced wall thickness.
- ✓ 9Y - PP (Polypropylene).
- ✓ Standard : ISO 6722-1.

**Automotive
Cables**
FLMR9Y

2D View



Approvals	Accreditations	Certifications

**

Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable Overall Diameter		Weight Approx.	Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire Max.	Conductor Diameter Nom.		Min.	Max.				
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D485A91XX*	0.08	7	0.13	0.375	0.20	0.9	1.0	1.4	315	5	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	

Note :

- ✓ *Other length as per Customer order.
- ✓ Current Carrying capacity given is for the maximum conductor operating temperature of 125°C and ambient air temperature of 40°C.
- ** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



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