

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

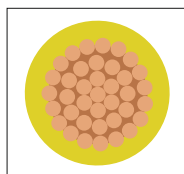
- ✓ Flame retardant
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ RoHS.

Product Construction

- ✓ Conductor : Bare copper conductor, (Symmetrical Structure A), Tinned on request.
- ✓ Insulation : PP low halogenated, (Reduced wall thickness)

**Automotive
Cables**
FLR9Y-A

2D View



Technical Data

- ✓ Temperature Range : -40°C to 125°C / 3000hrs
- ✓ Voltage : 60V
- ✓ FL : Automotive cable
- ✓ R : Reduced wall thickness.
- ✓ 9Y : PP (Polypropylene)
- ✓ Standard: ISO 19642-3

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 Max.		Min.	Max.		Bare	Tinned		
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	Amps	mtrs
D27105XX	0.35	7	0.27	0.90	0.20	1.2	1.4	5	54.4	55.5	12	500
D27106XX	0.50	19	0.19	1.10	0.22	1.4	1.6	6	37.1	38.2	15	500
D27108XX	0.75	19	0.24	1.30	0.24	1.7	1.9	9	24.7	25.4	19	500
D27110XX	1.00	19	0.27	1.50	0.24	1.9	2.1	12	18.5	19.1	24	500
D27113XX	1.50	19	0.33	1.70	0.24	2.2	2.4	18	12.7	13.0	30	500
D27114XX	2.00	19	0.38	2.00	0.28	2.5	2.8	22	9.42	9.69	37	500
D27116XX	2.50	37	0.30	2.20	0.28	2.7	3.0	27	7.60	7.82	42	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	

- ✓ * Other length as per Customer order.
- ✓ Current Carrying capacity given is for the maximum conductor operating temperature of 125°C and ambient 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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