

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 : Annealed Plain Copper Conductor
- ✓ Insulation : PP
- ✓ Core identification : Red, Yellow
- ✓ Drain Wire : ATC
- ✓ Screen : Al Mylar Tape
- ✓ Braiding : ATC
- ✓ Outer Sheath : TPE-S
- ✓ Colour : Black

Technical Data

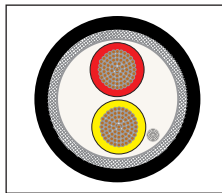
- ✓ Temperature Range : -40°C to + 125°C (3000 Hours)
- ✓ Max. Continuous working Temperature : 125°C
- ✓ Max. Conductor Temperature Termination of Short Circuit : 280°C
- ✓ Specification : ISO 6722 Class C,

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Heat resistance
- ✓ Halogen free

Automotive Cables **FLR9YBC31Y**

2D View



Approvals	Accreditations	Certifications

Part Number	Conductor Construction				Insulation Wall Thickness	Drain Wire Construction	Outer Sheath Thickness Nom	Overall Diameter Nom	Weight Approx.	Max. Conductor Resistance at 20°C	Current Rating at 40°C
	Nominal Cross-Section	No. of Cores	No. of Strands	Diameter of Single wire max.							
B9890602	0.5 mm ²	2 Nos.	19 Nos.	0.19 mm	0.22/0.28 (Min/Nom)	19/0.19 Nos/mm	0.5 mm	5.8 ± 0.6 mm	53 kg/km	37.1 Ω/km	12 Amps

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 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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