



Application

- ✓ Wire harness of low-tension electric circuits 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.

Product Construction

- ✓ Conductor : Soft-annealed electrolytic copper E- Cu ETP1 according to ASTM B3 bare conductor construction according to SAE J 1127
- ✓ Insulation : Thermoset Elastomer (EPDM)
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

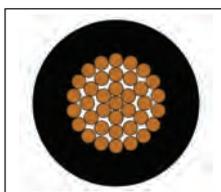
- ✓ Temperature Range : - 40°C to +125°C (3000 Hours)
- ✓ Standard : SAE J1127
- ✓ Test Voltage : 1 kV
- ✓ S : Starter or Ground
- ✓ G : General purpose
- ✓ R : Thermoset Elastomer (EPDM)

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Flexible Conductors with synthetic Rubber General purpose insulation.
- ✓ Extra flexibility.
- ✓ Heat resistant.

Automotive Cables **SGR**

2D View



Approvals	Accreditations	Certifications

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Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Cable		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.		Overall Diameter Max.	Weight Approx.			
	AWG	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
A89275XX*	6	133	0.36	4.83	1.52	8.60	166	1.40	120	500
A89274XX	4	133	0.46	6.09	1.65	10.5	257	0.94	153	500
A89273XX	2	133	0.57	7.67	1.65	12.0	373	0.56	205	500
A89272XX	1	259	0.46	8.49	1.65	13.0	453	0.42	257	500
A89290XX	1/0	1026	0.26	9.47	1.65	14.5	545	0.36	290	500
A89291XX	2/0	1254	0.26	10.47	1.65	16.0	653	0.27	349	500
A89292XX	3/0	1615	0.26	11.89	1.98	18.5	847	0.21	417	500
A89294XX	4/0	2052	0.26	13.40	1.98	20.0	1052	0.17	483	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 temperature 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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