



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 : Electron beam cross linked polyolefin.
- ✓ 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
- ✓ X : Cross linked polyolefin

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Flexible conductors with Electron beam cross linked polyolefin general purpose insulation for smaller diameter and lesser weight.
- ✓ Extra flexibility.
- ✓ Heat resistant.

Automotive Cables SGX

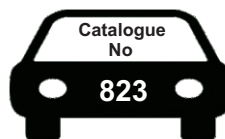
ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS SM Certification

Part Number	Conductor Construction				Insulation Wall Thickness		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.	Min.	Nom.	Overall Diameter Max.	Weight Approx.			
82361XX*	13	133	0.36	4.83	1.06	1.52	8.60	166	1.40	124	500
82362XX	19	133	0.46	6.09	1.16	1.65	10.5	257	0.94	160	500
82363XX	32	133	0.57	7.67	1.16	1.65	12.0	373	0.56	218	500
82358XX	40	259	0.46	8.49	1.16	1.65	13.0	453	0.42	255	500
82334XX	50	1026	0.26	9.47	1.16	1.65	14.5	545	0.36	281	500
82365XX	62	1254	0.26	10.47	1.16	1.65	16.0	653	0.27	325	500
82366XX	81	1615	0.26	11.89	1.39	1.98	18.5	847	0.21	381	500
82367XX	103	2052	0.26	13.40	1.39	1.98	20.0	1052	0.17	808	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.



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