

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.

Product Construction

- ✓ Conductor : Soft-annealed electrolytic Copper E-Cu ETP1 according to ASTM B3, bare conductor construction according to SAE J 1127 : 2015
- ✓ Insulation : PVC.
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

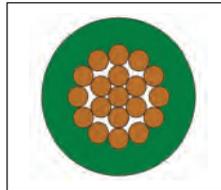
- ✓ Temperature Range : - 40°C to +80°C (3000 Hours)
- ✓ Standard : SAE J1127 : 2015
- ✓ Test Voltage : 1 kV
- ✓ S : Starter (or) Ground
- ✓ G : General Purpose
- ✓ T : Thermoplastic insulated

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Flexible conductor with PVC general purpose insulation for smaller diameter and lesser weight.
- ✓ Extra flexibility.

Automotive Cables **SGT**

2D View



Approvals	Accreditations	Certifications

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.			
82561XX*	13	133	0.36	4.83	1.06	1.52	8.6	166	1.40	89	500
82562XX	19	133	0.46	6.09	1.16	1.65	10.5	257	0.94	115	500
82563XX	32	133	0.57	7.67	1.16	1.65	12.0	373	0.56	158	500
82558XX	40	259	0.46	8.49	1.16	1.65	13.0	455	0.42	184	500
82534XX	50	1026	0.26	9.47	1.16	1.65	14.5	545	0.36	203	500
82565XX	62	1254	0.26	10.47	1.16	1.65	16.0	653	0.27	234	500
82566XX	81(3/0)	1615	0.26	11.89	1.39	1.98	18.5	847	0.21	275	500
82567XX	103(4/0)	2052	0.26	13.40	1.39	1.98	20.0	1052	0.17	410	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 80°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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