

Application

- ✓ Wire harness 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.

Product Construction

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

Technical Data

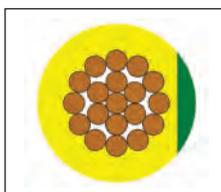
- ✓ Temperature Range : - 40°C to +125°C (3000 Hours)
- ✓ Standard : SAE J1127 : 2015
- ✓ Test Voltage : 1 kV
- ✓ S : Starter (or) ground
- ✓ T : Thin wall
- ✓ X : Cross linked polyolefin

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Flexible conductor with Electron beam cross linked polyolefin thin wall insulation for smaller diameter and lesser weight.
- ✓ Excellent flexibility.
- ✓ Heat resistant.

Automotive Cables **STX**

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.			
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km			
82261XX*	13	133	0.36	4.83	0.76	1.09	7.80	147	1.40	86	500
82262XX	19	133	0.46	6.09	0.78	1.12	9.50	230	0.94	159	500
82263XX	32	133	0.57	7.67	0.78	1.12	11.0	341	0.56	218	500
82258XX	40	259	0.46	8.49	0.78	1.12	12.0	421	0.42	257	500
82234XX	50	1026	0.26	9.47	0.78	1.12	13.0	508	0.36	281	500
82265XX	62	1254	0.26	10.47	0.78	1.12	14.5	613	0.27	325	500
82266XX	81	1615	0.26	11.89	0.78	1.12	17.0	778	0.21	383	500
82267XX	103	2052	0.26	13.40	0.78	1.12	18.5	978	0.17	677	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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