



Application

- ✓ Wire harness of circuits 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.

Features

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

Product Construction

- ✓ Conductor : Soft-annealed electrolytic copper E- Cu ETP1 according to ASTM B3 bare conductor construction according to SAE J 1128 : 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 J1128 : 2015
- ✓ Test Voltage : 1 kV
- ✓ G : General Purpose
- ✓ XL : Cross linked polyolefin

Automotive
Cables

GXL

ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS [™] 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.			
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
82006XX *	0.5	7	0.31	0.93	0.41	0.58	2.4	9	35.7	17	1000
C82006XX	0.5	19	0.19	0.93	0.41	0.58	2.4	9	35.7	17	1000
82060XX	0.8	16	0.26	1.21	0.41	0.58	2.5	11	24.7	22	1000
C82060XX	0.8	19	0.23	1.21	0.41	0.58	2.5	11	24.7	22	1000
82010XX	1	19	0.29	1.45	0.41	0.58	2.9	17	15.4	28	1000
82014XX	2	19	0.36	1.80	0.41	0.58	3.2	22	9.30	38	500
82017XX	3	19	0.45	2.25	0.46	0.66	3.8	34	5.90	51	500
82021XX	5	19	0.57	2.85	0.55	0.79	4.7	50	3.70	69	500
C82025XX	8	49	0.45	3.55	0.66	0.94	6.0	90	2.40	91	500
82025XX	8	19	0.71	3.55	0.66	0.94	6.0	90	2.40	91	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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