



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.

Features

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

**Automotive
Cables**

SXL

Technical Data

- ✓ Temperature Range :
- 40°C to +125°C (3000 Hours)
- ✓ Standard : SAE J 1128 : 2015
- ✓ Test Voltage : 1 kV
- ✓ S : Special Purpose.
- ✓ XL : Cross linked polyolefin .

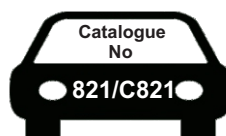
ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS TM Certification

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.			Overall Diameter Max.	Weight Approx.			
					Min.	Nom.					
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
82106XX *	0.5	7	0.31	0.93	0.52	0.74	2.8	11	35.7	18	1000
82160XX	0.8	16	0.26	1.21	0.53	0.76	3.0	13	24.7	23	1000
C82160XX	0.8	19	0.23	1.21	0.53	0.76	3.0	13	24.7	23	1000
82110XX	1	19	0.29	1.45	0.57	0.81	3.4	20	15.4	29	1000
82114XX	2	19	0.36	1.80	0.62	0.89	3.9	25	9.3	40	500
82117XX	3	19	0.45	2.25	0.66	0.94	4.6	40	5.9	53	500
82121XX	5	19	0.57	2.85	0.73	1.04	5.3	55	3.7	70	500
C82125XX	8	49	0.45	3.55	0.76	1.09	6.2	93	2.4	89	500
82125XX	8	19	0.71	3.55	0.76	1.09	6.2	93	2.4	89	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.



Siechem Wires & Cables Meet EU RoHS Directive

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