

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 bare conductor E- Cu ETP1 according to ATSM B3 construction according to SAE J 1128
- ✓ Insulation : EBXL - XLPO polyolefin.
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

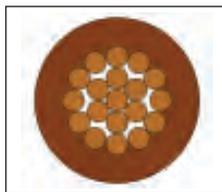
- ✓ Temperature Range : - 40°C to +125°C (3000 Hours)
- ✓ Standard : SAE J1128 :2015
- ✓ Test Voltage : 1 kV
- ✓ Bending Radius : ≤ 6 Sq.mm(3 x cable OD); ≥ 10.5 Sq.mm (5 x cable OD)
- ✓ T : Thin wall
- ✓ XL : Cross Linked Polyolefin

Features

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

Automotive Cables **TXL**

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.			
81902XX*	0.22	7	0.21	0.63	0.28	0.40	1.5	4	84.4	9	1000
81905XX	0.35	7	0.26	0.78	0.28	0.40	1.7	5	52.0	13	1000
C81905XX	0.35	12	0.21	0.78	0.28	0.40	1.7	5	52.0	13	1000
AC81905XX	0.35	19	0.16	0.78	0.28	0.40	1.7	5	52.0	13	1000
81906XX	0.5	7	0.31	0.93	0.28	0.40	1.9	7	35.7	16	1000
C81906XX	0.5	16	0.21	0.93	0.28	0.40	1.9	7	35.7	16	1000
AC81906XX	0.5	19	0.19	0.93	0.28	0.40	1.9	7	35.7	16	1000
81960XX	0.8	16	0.26	1.21	0.28	0.40	2.2	10	24.7	21	1000
C81960XX	0.8	19	0.23	1.21	0.28	0.40	2.2	10	24.7	21	1000
81910XX	1	19	0.29	1.45	0.28	0.40	2.4	15	15.4	27	1000
C81910XX	1	24	0.26	1.45	0.28	0.40	2.4	15	15.4	27	1000
81914XX	2	19	0.36	1.80	0.28	0.40	2.7	22	9.30	36	500
C81914XX	2	28	0.31	1.80	0.28	0.40	2.7	22	9.30	36	500
81917XX	3	19	0.45	2.25	0.32	0.46	3.3	31	5.90	49	500
C81917XX	3	44	0.31	2.25	0.32	0.46	3.3	31	5.90	49	500
81921XX	5	19	0.57	2.85	0.35	0.50	4.0	46	3.70	66	500
C81921XX	5	65	0.33	2.85	0.35	0.50	4.0	46	3.70	66	500
C81925XX	8	49	0.45	3.55	0.39	0.55	4.9	80	2.40	88	500
81925XX	8	19	0.71	3.55	0.39	0.55	4.9	80	2.40	88	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	

- ** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.
- ✓ 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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