

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.
- ✓ Flexible conductors with Electron beam cross linked polyolefin thin wall insulation for smaller diameter and lesser weight.
- ✓ Excellent flexibility.
- ✓ Heat resistant.

Product Construction

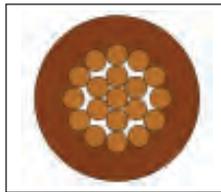
- ✓ Conductor : Soft-annealed electrolytic copper bare conductor E- Cu ETP1 according to ATSM B3 construction according to SAE J 1128 : 2015
- ✓ Insulation : Electron beam cross linked polyolefin.
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

- ✓ Temperature Range : - 40°C to +125°C (3000 Hours)
- ✓ Standard : SAE J1128 : 2015
- ✓ Test Voltage : 1 kV
- ✓ T : Thin wall
- ✓ XL : Cross Linked Polyolefin

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.			
	AWG	nos.	mm	mm	mm	mm	mm	kg/km			
81984XX*	24	7	0.21	0.63	0.28	0.40	1.5	4	84.4	9	1000
81983XX	22	7	0.26	0.78	0.28	0.40	1.7	5	52.0	13	1000
81982XX	20	7	0.31	0.93	0.28	0.40	1.9	7	35.7	16	1000
81981XX	18	16	0.26	1.21	0.28	0.40	2.2	10	24.7	21	1000
C81981XX	18	19	0.23	1.21	0.28	0.40	2.2	10	24.7	21	1000
81980XX	16	19	0.29	1.45	0.28	0.40	2.4	15	15.4	27	1000
81979XX	14	19	0.36	1.80	0.28	0.40	2.7	22	9.30	36	500
81978XX	12	19	0.45	2.25	0.32	0.46	3.3	31	5.90	49	500
81977XX	10	19	0.57	2.85	0.35	0.50	4.0	46	3.70	66	500
C81976XX	8	49	0.45	3.55	0.39	0.55	4.9	80	2.40	88	500
81976XX	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- 8	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	Red-Black- 24
Yellow-White-28	Green-Yellow- 29	Black-Orange-38	Black-White-40	Black-Yellow-41	Brown-Black-56	Brown-White-58	White-Blue-64	Orange-Black-67	Orange-Blue-70	Orange-White-73
Pink-White-83	Red-Green-93	Red-Yellow-94	Yellow-Red-95	Yellow-Black-96	Blue-White- A02	Green-White-A04	White-Green-A07	White-Yellow-A08	Red-White - A12	Black-Pink-A85
Purple-White-B58	Purple-Black-B69	Black-Tan-B70								

- ✓ 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.
- ✓ * Part Number given is for bare copper, the code C124 Should be added instead of 819 for tinned copper (eg. C12484XX)

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

