Application

- ✓ Low-tension electric wire for automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Heat resistance
- ✓ Halogen free

Product Construction
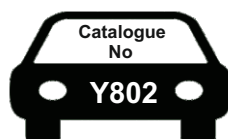
- ✓ Conductor : Soft-annealed electrolytic bare Copper according to ISO 6722
- ✓ Cable construction according to ISO 6722 Class C (Thin wall)
- ✓ Insulation : Electron Beam Cross Linked Polyolefin 125°C
- ✓ Colour : As per customer order.
- ✓ Single core, Single layer insulation

Automotive Cables **CBBT (T3)**

Technical Data

- ✓ Temperature Range : -40°C to + 125°C
- ✓ Specification : MS 90034 & ISO 6722-1
  - C - Temperature Class C
  - B - Asymmetrical
  - B - Bare Copper
  - T - Thin Wall

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

Part Number	Conductor Construction				Insulation Wall Thickness Nom.	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 Max.		Overall Diameter Max/Min.	Weight Approx.				
	mm^2	nos.	mm	mm	mm	mm	kg/km		Ω/km	Amps	mtrs
Y80205XX*	0.35	12	0.21	0.9	0.25	1.20/1.40	5		54.4	12	500
Y80206XX	0.5	16	0.21	1.1	0.28	1.40/1.60	7		37.1	15	500
Y80208XX	0.75	24	0.21	1.3	0.30	1.70/1.90	10		24.7	20	500
Y80210XX	1	32	0.21	1.5	0.30	1.90/2.10	11		18.5	24	500
Y80213XX	1.5	30	0.26	1.8	0.30	2.20/2.40	17		12.7	30	500
Y80214XX	2	28	0.31	2.0	0.35	2.50/2.80	23		9.42	37	500
Y80216XX	2.5	50	0.26	2.2	0.35	2.70/3.00	25		7.60	42	500
Y80217XX	3	44	0.31	2.4	0.40	3.10/3.40	35		6.15	49	500
Y80219XX	4	56	0.31	2.8	0.40	3.40/3.70	43		4.71	58	500
Y80221XX	5	65	0.33	3.1	0.40	3.90/4.20	54		3.94	66	500
Y80223XX	6	84	0.31	3.4	0.40	4.00/4.30	59		3.14	75	500
Y80225XX	8	50	0.46	4.3	0.40	4.60/5.00	82		2.38	92	500
Y80227XX	10	80	0.41	4.5	0.60	5.30/6.00	105		1.82	107	500
Y802A11XX	12	96	0.41	5.4	0.60	5.80/6.50	135		1.52	122	500
Y80228XX	16	126	0.41	5.8	0.65	6.40/7.20	167		1.16	142	500
Y80256XX	20	152	0.41	6.9	0.65	7.00/7.80	208		0.995	158	500
Y80230XX	25	196	0.41	7.2	0.65	7.90/8.70	245		0.743	184	500

- ✓ 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.

Catalogue No
Y802

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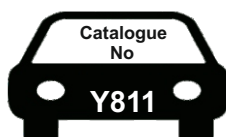# Single colour & single stripe colour code :

Note : XX* : Please add last two digits in the part number as per the colour code given here under replacing XX while ordering.

Red-01	Yellow-02	Blue-03	Black-04	Green-05	Grey-07	Brown-08	White-09	Orange-10	Violet-11	Light Blue-15	LT Green-17	Pink-21	Red-Black-24	Red-Orange-25
Yellow-Pink-27	Green-Yellow-29	Blue-Black-30	Blue-Red-31	Blue-Yellow-32	Blue-Green-33	Black-Green-37	Black-White-40	Green-Red-43	Green-Grey-44	Green-Brown-45	Grey-White-46	Grey-Red-47	Grey-Violet-48	Grey-Black-49
Grey-Green-51	Brown-Blue-52	Brown- Grey-53	Brown-Red-54	Brown-Orange-55	Brown-Yellow-57	Brown-White-58	Brown-Green-59	White-Orange-60	White-Beige-61	White-Black-62	White-Brown-63	White-Blue-64	White-Grey-65	White-Red-66
Orange-Black-67	Orange-Grey-68	Orange-Brown-69	Orange-Blue-70	Orange-White-73	Violet-Green-77	Violet-Orange-78	Pink-Orange-81	Pink-Red-82	Pink-White-83	Beige-White-84	Brown-Pink-A85	Beige-Orange-89	Beige-Red-91	Beige-Yellow-92
Red-Green-93	Red-Yellow-94	Yellow-Red-95	Yellow-Black-96	Yellow-Brown-97	Yellow-Orange-98	Yellow-Violet-99	Blue-Brown-A01	Blue-White-A02	Green-Blue-A03	Green-White-A04	Grey-Yellow-A05	White-Violet- A06	White-Green-A07	White-Yellow-A08
Violet-Red-A09	Violet-Yellow-A10	Violet-White-A11	Red-White-A12	Green-Orange-A13	Blue-Orange-A14	Pink-Yellow-A15	Red-Blue-A17	Red-Grey-A18	Pink-Green-A20	Red-Violet-A22	Violet-Pink-A23	Red-Brown-A25	Grey-Orange-A26	Blue-Grey-A34
Green-Violet-A35	Blue-Pink-A38	Grey-Brown-A39	Brown-Violet-A40	Pink-Violet-A41	Yellow-Grey-A43	LTGreen-Red-A44	Pink-LTGreen-A45	Green-LTGreen-A46	Green-LTBlue-A47	Grey-LTBlue-A48	White-LTBlue-A49	Violet-Brown-A50	Violet-LTGreen-A53	White-LTGreen-A55
LTBlue-Violet-A58	LTGreen-LTBlue-A59	Blue-LTBlue-A60	Brown-Beige-A62	Green-Beige-A63	Beige-A64	LT Green-White-A65	Blue-Beige-A66	Blue-LTGreen-A67	Blue-Violet-A68	Brown-LTBlue-A69	LTGreen-Green-A70	Brown-LTGreen-A71	LTGreen-Grey-A72	Pink-LTBlue-A74
Beige-LTGreen-A75	Pink-Grey-A76	Red-LTGreen-A77	Black-Violet- A78	LT-Green-Dk-Green-A79	White-Pink - A80	Blue-Tan-A83	Brown-Pink-A84	Beige-Brown-A87	SkyBlue-A98	Orange-LTGreen-B01	LTGreen-Beige-B03	Brown-SkyBlue-B05	Pink-SkyBlue-B06	Violet-SkyBlue-B09
SkyBlue-White-B14	White-Tan-B16	Green-Tan-B17	Tan-Brown-B18	Tan-LTGreen-B19	Tan-Orange-B20	Tan-White-B22	LTGreen-Tan-B24	Tan-Yellow-B25	Tan-SkyBlue-B26	SkyBlue-Blue-B27	SkyBlue-Violet-B28	Tan-Green-B29	Yellow-LTGreen-B30	

Double stripe colour code :

Note : XX* : Please add last two digits in the part number as per the colour code given here under replacing XX while ordering.

LT Green-SkyBlue-D01	Grey-Red-D02	Violet-White-D03	White-Yellow-D04	Green-Yellow-D05	Yellow-Black-D06	Yellow-Red-D07	Brown-Yellow-D08	Blue-Black-D09	Tan-Brown-D10	Blue-Yellow-D11	Blue-LT Green-D12	White-Violet-D13	White-Orange-D14	Grey-Black-D15
Pink-Yellow-D16	Grey-White-D17	Grey-Brown-D18	Orange-Black-D19	Red-Violet-D20	Tan-LT Green-D21	Yellow-Grey-D22	Blue-White-D23	Grey-Yellow-D24	Blue-Red-D25	Black-Violet-D26	Pink-Orange-D27	White-Grey-D28	Blue-Orange-D29	Brown-White-D30
Brown-Grey-D31	Yellow-Orange-D32	Green-Orange-D33	Red-Blue-D34	Green-Brown-D35	Pink-Green-D36	Tan-Red-D37	Green-Tan-D38	Grey-Orange-D39	Green-White-D40	Grey-Sky Blue-D41	Tan-White-D42	Green-Skyblue-D43	Green-LTGreen-D44	Pink-LTGreen-D45
White-SkyBlue-D46	Green-Grey-D47	LTGreen-Red-D48	Brown-Orange-D49	Black-Orange-D50	Grey-Blue-D51	White-Black-D52	White-Red-D53	White-Green-D54	White-Brown-D55	White-Blue-D56	Red-Green-D57	Green-Black-D58	Violet-LTGreen-D59	Violet-Blue-D60
SkyBlue-Blue-D61	SkyBlue-Orange-D62	Violet-SkyBlue-D63	Yellow-Violet-D64	Brown-Violet-D65	LTGreen-Green-D66	White-LTGreen-D67	SkyBlue-White-D68	Black-SkyBlue-D69	SkyBlue-Grey-D70	Pink-Violet-D71	SkyBlue-Brown-D72	SkyBlue-Violet-D73	Tan-Grey-D74	Violet-Brown-D75
Tan-Green-D76	Violet-Red-D77													

Catalogue No
Y811

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