

Application

- ✓ 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.

Product Construction

- ✓ Conductor : Soft-annealed electrolytic copper E-Cu ETP1 according to JIS C 3102, bare conductor construction according to JASO D 611: 2014
- ✓ Insulation : PVC
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

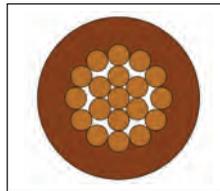
- ✓ Temperature Range : - 40°C to +80°C (3000 Hours)
- ✓ Standard : JASO D 611:2014
- ✓ Test Voltage : 1 kV
- ✓ A : Low tension cable for automobiles
- ✓ V : Vinyl insulated
- ✓ SS : Very thin wall type

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Flexible conductors with PVC very thin wall insulation for smaller diameter and lesser weight.

Automotive Cables **AVSS**

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 Approx.	Min.	Nom.	Overall Diameter					Weight Approx.
							Nom.	Max.				
	mm ²	nos.	mm	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
80502XX*	0.22	7	0.20	0.6	0.24	0.3	1.2	1.3	5	84.8	6	1000
80504XX	0.3	7	0.26	0.8	0.24	0.3	1.4	1.5	6	50.2	9	1000
80506XX	0.5	7	0.32	1.0	0.24	0.3	1.6	1.7	8	32.7	12	1000
80554XX	0.85	19	0.24	1.2	0.24	0.3	1.8	1.9	12	21.7	15	1000
80512XX	1.25	19	0.29	1.5	0.24	0.3	2.1	2.2	13	14.9	19	1000
80514XX	2	19	0.37	1.9	0.32	0.4	2.7	2.8	25	9.00	27	500

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	Yellow-Green-06	Grey-07	Brown-08	White-09	Orange-10	Violet- 11	LT Green-17	Purple-20	Pink-21	Red-Black-24
Red-Orange-25	Yellow-Blue-26	Yellow-Pink-27	Yellow-White-28	Green-Yellow-29	Blue-Black-30	Blue-Red-31	Blue-Yellow-32	Blue-Green-33	Black-Blue-36	Black-Green-37	Black-Orange-38	Black-White-40	Black-Yellow-41	Green-Black-42
Green-Red-43	Green-Grey-44	Green-Brown-45	Grey-White-46	Grey-Red-47	Grey-Violet-48	Grey-Black-49	Grey-Blue-50	Grey-Green-51	Brown-Blue-52	Brown-Grey-53	Brown-Red-54	Brown-Orange-55	Brown-Black-56	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-Green-71	Orange-Red-72
Orange-White-73	Violet-Grey-75	Violet-Blue-76	Violet-Green-77	Pink-White-83	Beige-White-84	Beige-Blue-86	Beige-Green-87	Beige-Grey-88	Beige-Orange-89	Red-Green-93	Red-Yellow-94	Yellow-Red-95	Yellow-Black-96	Yellow-Brown-97
Yellow-Orange-98	Yellow-Violet-99	Yellow-Violet-99	Blue-Brown-A01	Blue-White-A02	Green-Blue-A03	Green-White-A04	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	Orange-Violet-A21	Red-Violet-A22	Red-Brown-A25	Grey-Orange-A26	Orange-Yellow-A27	Green-Pink-A28	LTBlue-Yellow-A32	Blue-Grey-A34	Green-Violet-A35	Blue-Pink-A38	Grey-Brown-A39
Brown-Violet-A40	Pink-Violet-A41	Violet-Black-A42	Yellow-Grey-A43	Pink-LTGreen-A45	Green-LTGreen-A46	Green-LTBlue-A47	Grey-LTBlue-A48	White-LTBlue-A49	Violet-Brown-A50	Violet-LTBlue-A51	LTBlue-White-A52	Violet-LTGreen-A53	LTBlue-Orange-A54	White-LTGreen-A55
LTBlue-Brown-A56	Black-LTBlue-A57	LTBlue-Violet-A58	Blue-LTBlue-A60	Red-LTBlue-A61	Green-Beige-A63	Beige-A64	LTGreen-White-A65	Blue-Beige-A66	Blue-LTGreen-A67	Blue-Violet-A68	Brown-LTBlue-A69	LTGreen-Green-A70	Brown-LTGreen-A71	LTGreen-Grey-A72
Yellow-Beige-A73	Beige-LTGreen-A75	Black-Violet-A78	LTGreen-DarkGreen-A79	White-Pink-A80	Beige-Brown-A87	Beige-Violet-A88	LTBlue-Blue-A89	LTBlue-Green-A90	LTBlue-LTGreen-A91	LTBlue-Grey-A92	LTBlue-Beige-A93	LTGreen-Black-A95	Orange-LTGreen-B01	Silver-B02
LTGreen-Beige-B03	Beige-LT Blue-B04	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											

- ✓ * Other length as per customer order.
- ✓ Current carrying capacity given is for the maximum conductor operating temperature of 80°C and ambient air temperature of 40°C.
- ** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



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