

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 : Lead free polyvinyl chloride
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

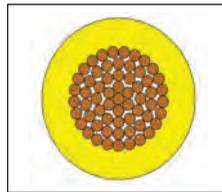
- ✓ Temperature Range : - 40°C to +80°C (3000 Hours)
- ✓ Standard : JASO D 611: 2014
- ✓ Withstand Voltage : < 0.5 Sq.mm - 3kV (rms) ≥ 0.5 Sq.mm - 5kV (rms)
- ✓ A : Low tension cables for automobiles
- ✓ V : Vinyl insulated
- ✓ S : Thin Wall type

Features

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

Automotive Cables **AVS**

2D View



Approvals	Accreditations	Certifications

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 Approx.		Overall Diameter		Weight Approx.			
						Nom	Max.				
80304XX*	0.3	7	0.26	0.8	0.5	1.8	1.9	8	50.2	10	1000
80306XX	0.5	7	0.32	1.0	0.5	2.0	2.1	10	32.7	13	1000
80354XX	0.85	11	0.32	1.2	0.5	2.2	2.3	14	20.8	16	1000
80312XX	1.25	16	0.32	1.5	0.5	2.5	2.6	19	14.3	21	1000
80314XX	2	26	0.32	1.9	0.5	2.9	3.1	26	8.81	28	500
80317XX	3	41	0.32	2.4	0.6	3.6	3.8	41	5.59	38	500
80321XX	5	65	0.32	3.0	0.7	4.4	4.6	52	3.52	56	500
80325XX	8	50	0.45	3.7	0.8	5.3	5.6	93	2.32	67	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	Grey-07	Brown-08	White-09	Orange-10	Violet-11	LTGreen-17	Pink-21	Red-Black-24	Red-Orange-25	Yellow-Blue-26
Yellow-Pink-27	Green-Yellow-29	Blue-Black-30	Blue-Red-31	Blue-Yellow-32	Blue-Green-33	Black-Green-37	Black-Orange-38	Black-Red-39	Black-White-40	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-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-Green-71	Orange-White-73	Violet-Grey-75	Violet-Blue-76	Violet-Green-77	Pink-Blue-80	Pink-Orange-81	Pink-White-83
Beige-White-84	Beige-Blue-86	Beige-Orange-89	Beige-Red-91	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-White-A11	Red-White-A12	Green-Orange-A13	Blue-Orange-A14	Pink-Yellow-A15	Black-Grey-A16	Red-Blue-A17	Red-Grey-A18	Red-Pink-A19	Pink-Green-A20
Orange-Violet-A21	Red-Violet-A22	Violet-Pink-A23	Red-Brown-A25	Grey-Orange-A26	Green-Pink-A28	Blue-Grey-A34	Green-Violet-A35	LTGreen-Pink-A36	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-LTBlue-A51	LTBlue-White-A52	Violet-LTGreen-A53	LTBlue-Orange-A54	White-LTGreen-A55	LTBlue-Brown-A56	Black-LTBlue-A57	LTBlue-Violet-A58	LTGreen-LTBlue-A59	Blue-LTBlue-A60
Red-LTBlue-A61	Brown-Beige-A62	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	Pink-LTBlue-A74	Beige-LTGreen-A75
Pink-Grey-A76	Red-LTGreen-A77	Black-Violet-A78	LT-Green/Dark-Green-A79	White-Pink-A80	Blue-Tan-A83	Brown-Pink-A84	Beige-Brown-A87	LTGreen-Black-A95						

- ✓ * 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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