



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.

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
- ✓ Test Voltage : 1 kV
- ✓ 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

ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS SM 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 Approx.		Overall Diameter		Weight Approx.			
						Nom	Max.				
	mm ²	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs	
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	62	3.52	51	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.



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