

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.

Features

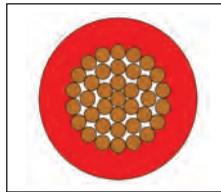
- ✓ Flame retardant.
- ✓ Highly resistant against acids, lyes, petrol and diesel
- ✓ Flexible conductors with PVC insulation for smaller diameter and lesser weight .

Product Construction

- ✓ Conductor : Soft-annealed electrolytic copper E-Cu ETP1 according to JIS C 3102, bare conductor construction according to JIS C 3406.
- ✓ Insulation : Lead free polyvinyl chloride.
- ✓ Colour : As per customer order.
- ✓ Single core

Automotive Cables AV

2D View



Technical Data

- ✓ Temperature Range : - 40°C to +80°C (3000 Hours)
- ✓ Standard : JIS C 3406
- ✓ Test Voltage : 1 kV
- ✓ A : Low Voltage
- ✓ V : Vinyl insulated for automobiles

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.				
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
80106XX*	0.5	7	0.32	1.0	0.6	2.2	2.4	9	32.7	13	1000
80154XX	0.85	11	0.32	1.2	0.6	2.4	2.6	12	20.8	17	1000
80112XX	1.25	16	0.32	1.5	0.6	2.7	2.9	17	14.3	21	1000
80114XX	2	26	0.32	1.9	0.6	3.1	3.4	25	8.81	29	500
80117XX	3	41	0.32	2.4	0.7	3.8	4.1	39	5.59	39	500
80121XX	5	65	0.32	3.0	0.8	4.6	4.9	60	3.52	52	500
80125XX	8	50	0.45	3.7	0.9	5.5	5.8	90	2.32	67	500
80155XX	15	84	0.45	4.8	1.1	7.0	7.4	150	1.38	80	500
80156XX	20	41	0.80	6.0	1.1	8.2	8.8	220	0.887	122	500
80157XX	30	70	0.80	8.0	1.4	10.8	11.5	390	0.520	163	500
80158XX	40	85	0.80	8.6	1.4	11.4	12.1	460	0.428	138	500
80134XX	50	108	0.80	9.8	1.6	13.0	13.8	590	0.337	222	500
80135XX	60	127	0.80	10.4	1.6	13.6	14.4	680	0.287	246	500
80159XX	85	169	0.80	12.0	2.0	16.0	17.0	910	0.215	303	500
80139XX	100	217	0.80	13.6	2.0	17.6	18.6	1100	0.168	359	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 - 08	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	

- ✓ * 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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