

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

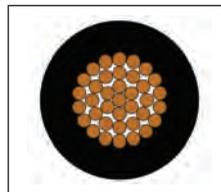
- ✓ Temperature Range : - 40°C to +80°C (3000 Hours)
- ✓ Standard : JASO D 611 : 2014
- ✓ Test Voltage : 1 kV
- ✓ A : Low tension cables for automobiles
- ✓ V : Vinyl insulated
- ✓ S : Thin wall type
- ✓ f : Extra flexible

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel
- ✓ Extra flexible conductors with PVC thin wall insulation for smaller diameter
- ✓ Excellent flexibility

Automotive Cables **AVS f**

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 Appox .		Overall Diameter		Weight Approx.			
						Nom.	Max.				
	mm ²	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs	
80404XX*	0.3	15	0.18	0.8	0.5	1.8	1.9	8	48.9	10	1000
80406XX	0.5	20	0.18	1.0	0.5	2.0	2.1	10	36.7	12	1000
80408XX	0.75	30	0.18	1.2	0.5	2.2	2.3	14	24.4	15	1000
80412XX	1.25	50	0.18	1.5	0.5	2.5	2.6	19	14.7	21	1000
80414XX	2	37	0.26	1.9	0.5	2.9	3.1	26	9.50	27	500
80417XX	3	61	0.26	2.3	0.6	3.5	3.8	41	5.76	37	500
80421XX	5	210	0.18	3.4	0.7	4.8	5.1	62	3.56	53	500
80425XX	8	154	0.26	4.0	0.8	5.6	5.9	93	2.33	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	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.



www.siechem.com