

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
- ✓ Extra flexible conductor with PVC insulation for excellent flexibility 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, JASO D 611
- ✓ Insulation : Lead free polyvinyl chloride
- ✓ Colour : As per customer order.
- ✓ Single core

Automotive Cables

AV f

2D View



Technical Data

- ✓ Temperature Range : - 40°C to +80°C (3000 Hours)
- ✓ Standard : JIS C 3406, JASO D 611
- ✓ Voltage : 1 kV
- ✓ A : Low Voltage
- ✓ V : Vinyl insulated cables for automobiles
- ✓ f : Extra Flexible

Approvals | Accreditations | Certifications



Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Cable		Weight Approx.	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					
						Nom.	Max.				
mm ²	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs		
80206XX *	0.5	20	0.18	1.0	0.6	2.2	2.4	8	36.7	12	1000
80208XX	0.75	30	0.18	1.2	0.6	2.4	2.6	12	24.4	16	1000
80212XX	1.25	50	0.18	1.5	0.6	2.7	2.9	17	14.7	21	1000

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