

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.
- ✓ 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 : Electron beam cross linked polyethylene
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

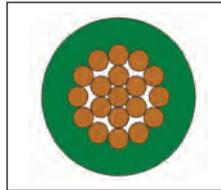
- ✓ Temperature Range : - 40°C to +120°C (3000 Hours)
- ✓ Standards : JASO D 611 : 2014
- ✓ Test Voltage : 1 kV
- ✓ A : Low tension cables for automobiles
- ✓ E : Polyethylene insulated
- ✓ SS : Very Thin wall type
- ✓ X : Electron Beam Cross Linked
- ✓ f : Extra Flexible conductor

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Extra flexible conductor with Electron beam cross linked polyethylene super thin wall insulation for smaller diameter and lesser weight.
- ✓ Excellent flexibility.
- ✓ Heat resistant.

Automotive Cables **AESX 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 Approx.		Overall Diameter		Weight Approx.			
						Nom.	Max.				
	mm ²	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs	
81604XX*	0.3	19	0.16	0.8	0.30	1.4	1.5	5	48.8	11	1000
81606XX	0.5	19	0.19	1.0	0.30	1.6	1.7	7	34.6	14	1000
81608XX	0.75	19	0.23	1.2	0.30	1.8	1.9	9	23.6	19	1000
81612XX	1.25	37	0.21	1.5	0.30	2.1	2.2	14	14.6	25	1000
81614XX	2	37	0.26	1.8	0.40	2.6	2.7	22	9.50	34	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 120°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