

**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
- ✓ Insulation : Electron beam cross linked PVC.
- ✓ Colour : As per customer order.
- ✓ Single core

**Technical Data**

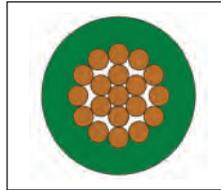
- ✓ Temperature Range : - 40°C to +100°C (3000 Hours)
- ✓ Standards : JASO D 611
- ✓ Test Voltage : 1 kV
- ✓ A : Low tension cables for automobiles
- ✓ V : Vinyl insulated
- ✓ SS : Very Thin wall type
- ✓ X : Electron beam cross linked
- ✓ f : Extra flexible

**Features**

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

Automotive Cables **AVSSX 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 <sup>2</sup>	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs	
81006XX *	0.5	19	0.19	1.0	0.30	1.6	1.7	7	34.6	13	1000
81008XX	0.75	19	0.23	1.2	0.30	1.8	1.9	10	23.6	17	1000
81012XX	1.25	37	0.21	1.5	0.30	2.1	2.2	15	14.6	22	1000
81014XX	2	37	0.26	1.8	0.40	2.6	2.7	22	9.50	29	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 100°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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