



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.

Product Construction

- ✓ Conductor : Soft-annealed electrolytic copper E-Cu ETP1 according to JIS C 3102, bare conductor construction according to JASO D 611
- ✓ 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
- ✓ 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

ISO 9001	ISO 14001	IATF 16949	OHSAS 18001	IRIS TM Certification
LABCO	ARAI [®] Progress through Research	REACH COMPLIANT	RoHS COMPLIANT	CE

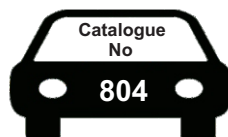
Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Cable			Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire max.	Conductor Diameter Apporx .		Overall Diameter		Weight Approx.			
						Nom.	Max.				
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
80404XX*	0.3	15	0.18	0.8	0.5	1.8	1.9	7	48.9	10	1000
80406XX	0.5	20	0.18	1.0	0.5	2.0	2.1	9	36.7	12	1000
80408XX	0.75	30	0.18	1.2	0.5	2.2	2.3	12	24.4	15	1000
80412XX	1.25	50	0.18	1.5	0.5	2.5	2.6	17	14.7	20	1000
80414XX	2	37	0.26	1.9	0.5	2.9	3.1	25	9.50	27	500
80417XX	3	61	0.26	2.3	0.6	3.5	3.8	34	5.76	37	500
80421XX	5	210	0.18	3.4	0.7	4.8	5.1	60	3.56	50	500
80425XX	8	154	0.26	3.7	0.8	5.3	5.6	73	2.32	60	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.



Siechem Wires & Cables Meet EU RoHS Directive

Lead Free	Hg Free	Cd Free	Cr ⁶⁺ Free	PBB Free	PBDE Free
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