



Application

- ✓ Low-tension electric wire harness cable for automobiles.
- ✓ Used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.
- ✓ Especially used circuits requiring heat resistance

Product Construction

- ✓ Conductor : Extra multi stranded bare copper conductor construction according to volvo 1052501
- ✓ Insulation : PVC Class TI 1
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

- ✓ Temperature Range :
- 40°C to +70°C (3000 Hours)
 - ✓ Standard : Volvo type
 - ✓ Rated voltage, cable of one colour
300 V at rated area $\leq 1\text{mm}^2$
450 V at rated area $1.5 - 16\text{mm}^2$
750 V at rated area $\geq 25\text{mm}^2$
- Rated voltage : two-coloured: 100V

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Extra flexibility.
- ✓ Heat resistant

**Automotive
Cables**

RK

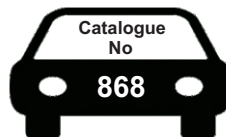
ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS TM Certification

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.		Overall Diameter Max.	Weight Approx.			
	mm ²	nos.	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
86805XX *	0.38	12	0.21	0.3	1.5	6	54.4	5	500
86806XX	0.5	16	0.21	0.6	2.6	9	39.0	8	500
86808XX	0.75	24	0.21	0.6	2.8	11	26.0	10	500
86810XX	1	32	0.21	0.6	3.0	13	19.5	12	500
86813XX	1.5	30	0.26	0.7	3.5	19	13.3	16	500
86816XX	2.5	50	0.26	0.8	4.2	31	7.98	22	500
86819XX	4	56	0.31	0.8	4.8	47	4.95	30	500
86823XX	6	84	0.31	0.8	6.3	72	3.30	38	500
86827XX	10	80	0.41	1.0	7.6	115	1.91	52	500
86828XX	16	126	0.41	1.0	8.8	168	1.21	76	500
86830XX	25	196	0.41	1.1	10.8	203	0.780	96	500
86832XX	35	276	0.41	1.2	12.8	357	0.554	120	500
86834XX	50	396	0.41	1.4	14.5	508	0.386	155	500
86837XX	70	360	0.51	1.4	16.6	750	0.272	195	500
86838XX	95	475	0.51	1.6	19	1000	0.206	240	500
86841XX	120	608	0.51	1.6	21	1300	0.161	280	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	

- ✓ Current Carrying capacity given is for the maximum conductor operating temperature 70°C and ambient air temperature of 40°C.
- ✓ * Other length as per Customer order.



Siechem Wires & Cables Meet EU RoHS Directive

www.siechem.com