



Application

- ✓ Manufacturing specifications STD 7611,131.

Product Construction

- ✓ Conductor : Extra multi stranded bare copper
Conductor construction according to volvo 1052521
- ✓ Insulation : Class 2
- ✓ Colour : As per customer order
- ✓ Single core

Technical Data

- ✓ Temperature Range :
- 40°C to +100°C (3000 Hours)
- ✓ Standard : Volvo 1052521
- ✓ Rated Voltage :100 V

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Flexible conductors with Electron Beam Cross Linked Polyolefin thin wall insulation for smaller diameter and lesser weight.
- ✓ Excellent flexibility.
- ✓ Heat resistant.

**Automotive
Cables**

R2

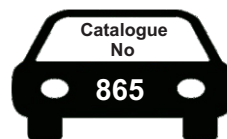
ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS TM Certification

Part Number	Conductor Construction				Insulation Wall Thickness		Cable		Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire				Overall Diameter Max.	Weight Approx.			
			Nom.	Max.	Min	Nom					
	mm²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
86505XX*	0.35	12	0.20	0.21	0.24	0.30	1.5	6	54.4	5	100
86506XX	0.5	16	0.20	0.21	0.28	0.35	1.9	8	39.0	8	100
86508XX	0.75	24	0.20	0.21	0.28	0.35	2.1	10	26.0	10	100
86510XX	1	32	0.20	0.21	0.28	0.35	2.3	12	19.5	12	100
86513XX	1.5	30	0.25	0.26	0.28	0.35	2.6	17	13.3	16	100
86516XX	2.5	50	0.25	0.26	0.28	0.35	3.0	27	7.98	22	100
86519XX	4	56	0.30	0.31	0.32	0.40	3.8	42	4.95	30	100
86523XX	6	84	0.30	0.31	0.36	0.45	4.5	64	3.30	38	100
86527XX	10	80	0.40	0.41	0.48	0.60	6.0	106	1.91	52	100
86528XX	16	126	0.40	0.41	0.52	0.65	7.9	170	1.21	76	100

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 of 100°C and ambient air temperature of 40°C.
- ✓ * Other length as per Customer order.



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