



**Application**

- ✓ Intended for use as battery cable.
- ✓ Low-tension electric wire harness cable for automobiles.
- ✓ Used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

**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.

**Product Construction**

- ✓ Conductor : Annealed plain flexible copper wires class 5 according to IEC 60228
- ✓ Insulation : Flame retardant, halogen- free Cross-linked polyethylene (XLPE)
- ✓ Sheath : Special lead free PVC Compound type T1 3 according to EN 50363-3 (HD 21.1.S4)
- ✓ Colour : Black.
- ✓ Single core

**Technical Data**

- ✓ Temperature Range : - 40°C to +100°C (3000 Hours)
- ✓ Standard : Volvo type
- ✓ Rated Voltage : 750 V



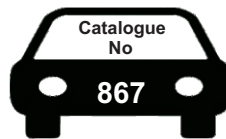
ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS <sup>TM</sup> Certification

Part Number	Conductor Construction				Insulation Wall Thickness Nom.		Nominal Thickness of sheath		Cable			Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire		Nom	Max	Nom	Max	Overall Diameter		Weight Approx.			
			Nom	Max					Nom.	Max.				
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
86728XXYY*	16	112	0.41	0.41	0.53	0.7	0.58	0.8	8.3	8.5	180	1.21	76	500
86730XXYY	25	176	0.41	0.41	0.53	0.7	0.58	0.8	9.7	9.9	280	0.78	96	500
86732XXYY	35	248	0.41	0.41	0.53	0.7	0.58	0.8	10.9	11.2	360	0.554	120	500
86734XXYY	50	352	0.41	0.41	0.62	0.8	0.75	1.0	13.0	13.4	510	0.386	155	500
86737XXYY	70	320	0.51	0.51	0.62	0.8	1.26	1.6	15.4	15.8	700	0.272	195	500
86738XXYY	95	424	0.51	0.51	0.71	0.9	1.26	1.6	17.8	18.3	940	0.206	240	500

Note : XX\* YY\* : Please add last two digits in the part number as per the colour code given hereunder replacing XX YY 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.



Siechem Wires & Cables Meet EU RoHS Directive

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