



Application

- ✓ Intended for use as battery cable. PPL.

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 : Plain annealed copper Wires Flexible 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 +90°C (3000 Hours)
- ✓ Standard : Volvo type
- ✓ Rated Voltage : 750 V



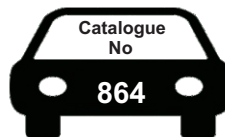
ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS SM Certification

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 max.			Overall Diameter	Weight Approx.			
	mm ²	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
86427XXYY*	10	74	0.41	0.7	0.8	7.3	121	1.78	60	500
86428XXYY	16	118	0.41	0.7	0.8	8.3	180	1.21	76	500
86430XXYY	25	183	0.41	0.7	0.8	9.7	280	0.78	96	500
86432XXYY	35	259	0.41	0.7	0.8	10.9	360	0.554	120	500
86434XXYY	50	382	0.41	0.8	1.0	13.0	510	0.386	155	500
86437XXYY	70	323	0.51	0.8	1.6	15.4	750	0.272	195	500
86438XXYY	95	421	0.51	0.9	1.6	17.8	950	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.



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