



Application

- ✓ Low-tension electric wire 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 DIN 13602, bare conductor
- ✓ Insulation : Plasticized PVC with properties according to ISO 6722, Class B
- ✓ Outer Sheath : Plasticized PVC with properties according to ISO 6722, Class B
- ✓ Colour : As per customer order.
- ✓ Single Core.

Technical Data

- ✓ Temperature Range : -40°C to +105°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm² 5kV (r.m.s.) for cables ≥ 0.5 mm²
- ✓ FL : Automotive cable
- ✓ Y : PVC
- ✓ Y : PVC
- ✓ Standard : ISO 6722, Class B

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Flexible conductors with PVC thick wall insulation with increased mechanical strength.
- ✓ Extra flexibility.



Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Sheath wall thickness	Cable		Current Carrying Capacity	Max. Conductor Resistance at 20°C	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire max.	Conductor Diameter Nom.			Overall Diameter Max.	Weight Approx.			
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
85306XX*	0.5	16	0.21	1.0	0.60	0.4	3.1	11	17	37.1	500
85308XX	0.75	24	0.21	1.2	0.60	0.4	3.3	14	22	24.7	500
85310XX	1	32	0.21	1.35	0.60	0.4	3.6	17	26	18.5	500
85313XX	1.5	30	0.26	1.7	0.60	0.5	4.1	22	32	12.7	500
85314XX	2	40	0.26	2.0	0.60	0.5	4.3	27	38	9.42	500
85316XX	2.5	50	0.26	2.2	0.70	0.5	4.8	34	44	7.6	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 of 105°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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