



**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 IS 8130, bare conductor construction according to IS 2465
- ✓ Insulation : Lead free PVC.
- ✓ Colour : As per customer order.
- ✓ Single core

**Technical Data**

- ✓ Temperature Range : - 40°C to +70°C (3000 Hours)
- ✓ Standard : IS 2465
- ✓ Test Voltage : 3 kV
- ✓ Conductor Resistance: IS 8130

**Features**

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Flexible conductor with PVC normal insulation thickness for battery cables.
- ✓ Extra flexibility.

**Automotive Cables**      **IS 2465**

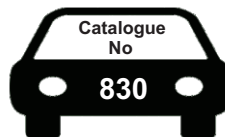
<b>ISO 9001</b>	<b>ISO 14001</b>	<b>IATF 16949</b>	<b>OHSAS 18001</b>	<b>AS 9100</b>	<b>ISO 45001</b>

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.	Conductor Diameter Appox.		Overall Diameter Max.	Weight Approx.			
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
83028XX*	16	126	0.41	5.7	1.0	8.1	171	1.21	90	500
83030XX	25	196	0.41	7.1	1.2	10.0	263	0.780	118	500
83032XX	35	276	0.41	8.5	1.2	11.4	357	0.554	146	500
83058XX	40	315	0.41	9.6	1.4	12.2	450	0.500	162	500
83034XX	50	396	0.41	10.3	1.4	13.7	506	0.386	185	500
83035XX	60	475	0.41	11.6	1.4	14.6	660	0.300	213	500
83037XX	70	360	0.51	12.4	1.4	15.8	703	0.272	237	500
83038XX	95	475	0.51	14.5	1.6	18.4	925	0.206	291	500
83041XX	120	608	0.51	16.0	1.6	19.9	1161	0.161	342	500
83042XX	150	756	0.51	18.0	1.8	22.4	1442	0.129	402	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	

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



**Siechem Wires & Cables Meet EU RoHS Directive**

<b>Lead Free</b>	<b>Hg Free</b>	<b>Cd Free</b>	<b>Cr<sup>6+</sup> Free</b>	<b>PBB Free</b>	<b>PBDE Free</b>
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