

No Printing

## Application

- ✓ Suitable for inside engine compartment
- ✓ 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 (Symmetrical)
- ✓ Optional : Tinned copper conductor
- ✓ Insulation : Teflon
- ✓ Colour : As per customer order.
- ✓ Single core

## Technical Data

- ✓ Temperature Range : - 65°C to +200°C (3000 Hours)
- ✓ Voltage Rating : 50 V
- ✓ Test Voltage : 3kV (r.m.s.) for cables < 0.5 mm<sup>2</sup>  
5kV (r.m.s.) for cables ≥ 0.5 mm<sup>2</sup>
- ✓ Standard : Generally as per ISO 6722-1, Class F

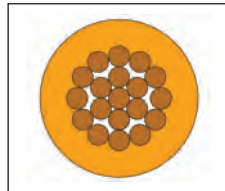
## Features

- ✓ Good mechanical and thermal properties
- ✓ Excellent chemical resistance
- ✓ Very good oil and fuel resistance
- ✓ High resistance to atmospheric conditions and ozone

Automotive Cables

Auto 200 (T6)

## 2D View



## Approvals Accreditations Certifications



Part Number	Conductor Construction				Insulation Wall Thickness Min.	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 Max.		Overall Diameter Min.	Weight Approx.			
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
C242S05XX	0.35	7	0.27	0.81	0.15	1.11	4.20	16	54.4	500
C242S06XX	0.5	19	0.19	0.95	0.15	1.26	5.70	21	37.1	500
C242S08XX	0.75	19	0.24	1.20	0.15	1.45	8.00	26	24.7	500
C242S10XX	1.0	19	0.27	1.35	0.15	1.60	10.4	31	18.5	500
C242S13XX	1.5	19	0.33	1.65	0.15	1.90	15.0	40	12.7	500
C242S14XX	2.0	19	0.38	1.90	0.15	2.15	19.0	48	9.42	500
C242S16XX	2.5	37	0.28	1.95	0.15	2.30	24.0	56	7.60	500
C242S17XX	3	37	0.34	2.35	0.15	2.60	28.5	62	6.15	500
C242S19XX	4	37	0.38	2.60	0.15	2.90	37.5	76	4.71	500
C242S23XX	6	37	0.45	3.15	0.15	3.40	56.0	97	3.14	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 200°C and ambient air temperature of 40°C.

✓ \* Other length as per Customer order.

\*\* We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



www.siechem.com