

Application

- ✓ Low-tension electric wire 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.
- ✓ Heat resistance
- ✓ Halogen free

Product Construction

- ✓ Conductor : Annealed Plain Copper Conductor
- ✓ Cable construction according to ISO 19642-3 Class B (Thin wall)
- ✓ Insulation :PVC (100°C)
- ✓ Colour : As per customer order.
- ✓ Single core, Single layer insulation

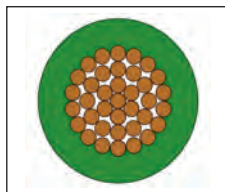
Technical Data

- ✓ Temperature Range : -40°C to + 100°C (3000 Hours)
- ✓ Max. Continuous working Temperature : 100°C
- ✓ Max. Conductor Temperature Termination of Short Circuit : 160°C
- ✓ Specification : ISO 19642-3 thin wall

Automotive Cables

T2

2D View



Approvals Accreditations Certifications



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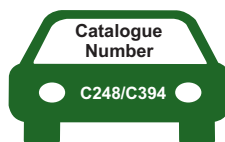
Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Overall Diameter		Weight Approx.	Max. Conductor Resistance at 20°C	Current Rating at 40°C
	Nominal Cross-Section	No. of Strands	Diameter of Single wire Max.	Conductor Diameter Max.		Min.	Max.			
	mm ²	Nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps
C24802XX*	0.22	7	0.21	0.7	0.20	1.1	1.2	4	84.8	9
C39405XX	0.35	12	0.21	0.9	0.20	1.2	1.4	5	54.4	10
C39406XX	0.5	16	0.21	1.1	0.22	1.4	1.6	7	37.1	13
C39408XX	0.75	24	0.21	1.3	0.24	1.7	1.9	9	24.7	17
C39410XX	1	32	0.21	1.5	0.24	1.9	2.1	12	18.5	20
C39412XX	1.25	16	0.33	1.7	0.24	2.1	2.3	15	14.9	23
C39413XX	1.5	30	0.26	1.8	0.24	2.2	2.4	17	12.7	26
C39414XX	2	28	0.31	2.0	0.28	2.5	2.8	23	9.42	32
C39416XX	2.5	50	0.26	2.2	0.28	2.7	3.0	27	7.60	37
C39417XX	3	44	0.31	2.4	0.32	3.1	3.4	34	6.15	42
C39419XX	4	56	0.31	2.8	0.32	3.4	3.7	43	4.71	50
C39421XX	5	65	0.33	3.1	0.32	3.9	4.2	53	3.94	57
C39423XX	6	84	0.31	3.4	0.32	4.0	4.3	63	3.14	65
C39425XX	8	50	0.46	4.3	0.32	4.6	5.0	82	2.38	79
C39427XX	10	80	0.41	4.5	0.48	5.3	6.0	110	1.82	93
C39428XX	16	126	0.41	6.3	0.52	6.4	7.2	170	1.16	124
C39456XX	20	152	0.41	6.9	0.52	7.0	7.8	209	0.955	142
C39430XX	25	196	0.41	7.8	0.52	7.9	8.7	258	0.743	164
C39432XX	35	276	0.41	9.0	0.64	9.4	10.4	360	0.527	200

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	Green-Yellow- 29

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

- ✓ 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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