

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 : Annealed Plain Copper Conductor (Structure B, Asymmetrical)
- ✓ Cable construction according to ISO 6722 Class C (Thin wall)
- ✓ Insulation :PVC
- ✓ Colour : As per customer order.
- ✓ Single core, Single layer insulation

Technical Data

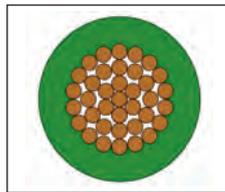
- ✓ Temperature Range : -40°C to + 125°C (3000 Hours)
- ✓ Max. Continuous working Temperature : 125°C
- ✓ Max. Conductor Temperature Termination of Short Circuit : 160°C
- ✓ Specification : ISO 6722 Class C, Renault Specification, 36-05-009-R

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Heat resistance
- ✓ Halogen free



2D View



Approvals	Accreditations	Certifications

Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Overall Diameter		Weight Approx. kg/km	Max. Conductor Resistance at 20°C Ω/km	Current Rating at 40°C Amps
	Nominal Cross-Section mm ²	No. of Strands Nos.	Diameter of Single wire max. mm	Conductor Diameter Max. mm		Min. mm	Max. mm			
A68405XX*	0.35	12	0.21	0.9	0.25	1.2	1.4	5	54.4	12
A68406XX	0.5	16	0.21	1.1	0.28	1.4	1.6	7	37.1	15
A68408XX	0.75	24	0.21	1.3	0.30	1.7	1.9	9	24.7	19
A68410XX	1	32	0.21	1.5	0.30	1.9	2.1	12	18.5	23
A68412XX	1.25	16	0.33	1.7	0.30	2.1	2.3	15	14.9	27
A68413XX	1.5	30	0.26	1.8	0.30	2.2	2.4	17	12.7	30
A68414XX	2	28	0.31	2.0	0.35	2.5	2.8	23	9.42	37
A68416XX	2.5	50	0.26	2.2	0.35	2.7	3.0	27	7.60	42
A68417XX	3	44	0.31	2.4	0.40	3.1	3.4	34	6.15	48
A68419XX	4	56	0.31	2.8	0.40	3.4	3.7	43	4.71	57
A68421XX	5	65	0.33	3.1	0.40	3.9	4.2	53	3.94	65
A68423XX	6	84	0.31	3.4	0.40	4.0	4.3	63	3.14	74
A68476XX	8	50	0.46	4.3	0.40	4.6	5.0	82	2.38	91
A68427XX	10	80	0.41	4.5	0.60	5.3	6.0	110	1.82	107
A68428XX	16	126	0.41	5.8	0.65	6.4	7.2	170	1.16	143
A68456XX	20	152	0.41	6.9	0.65	7.0	7.8	209	0.955	163
A68433XX	25	196	0.41	7.2	0.65	7.9	8.7	258	0.743	188
A68432XX	35	276	0.41	8.5	0.80	9.4	10.4	360	0.527	231

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 125°C and ambient air temperature of 40°C.
- ✓ * Other length as per Customer order.



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