

**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 C, 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**

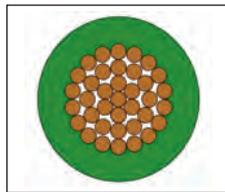
- ✓ Temperature Range : -40°C to + 125°C (3000 Hours)
- ✓ Max. Continuous working Temperature : 125°C
- ✓ Max. Conductor Temperature Termination of Short Circuit : 160°C
- ✓ Specification : ISO 6722 Class C, Renault Specification, 36-05-009-R

**Features**

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

Automotive Cables **Auto P3S-C**

**2D View**



**Approvals Accreditations Certifications**



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Part Number	Conductor Construction				Insulation Wall Thickness Nom. mm	Overall Diameter mm		Weight Approx. kg/km	Max. Conductor Resistance at 20°C Ω/km	Current Rating at 40°C Amps
	Nominal Cross-Section mm <sup>2</sup>	No. of Strands Nos.	Diameter of Single wire max. mm	Conductor Diameter Max. mm		Min. mm	Max. mm			
A68505XX*	0.35	19	0.16	0.9	0.25	1.2	1.4	5	54.4	12
A68506XX	0.5	26	0.16	1.1	0.28	1.4	1.6	7	37.1	15
A68508XX	0.75	38	0.16	1.3	0.30	1.7	1.9	9	24.7	19
A68510XX	1	54	0.16	1.5	0.30	1.9	2.1	12	18.5	23
A68512XX	1.25	50	0.19	1.7	0.30	2.1	2.3	15	14.9	27
A68513XX	1.5	76	0.16	1.8	0.30	2.2	2.4	17	12.7	30
A68514XX	2	105	0.16	2.0	0.35	2.5	2.8	23	9.42	37
A68516XX	2.5	140	0.16	2.2	0.35	2.7	3.0	27	7.60	42
A68517XX	3	160	0.16	2.4	0.40	3.1	3.4	34	6.15	48
A68519XX	4	224	0.16	2.8	0.40	3.4	3.7	43	4.71	57
A68521XX	5	250	0.16	3.1	0.40	3.9	4.2	53	3.94	65
A68523XX	6	320	0.16	3.4	0.40	4.0	4.3	63	3.14	74
A68576XX	8	240	0.21	4.3	0.40	4.6	5.0	82	2.38	91
A68527XX	10	320	0.21	4.5	0.60	5.3	6.0	110	1.82	107
A68528XX	16	512	0.21	5.8	0.65	6.4	7.2	170	1.16	143
A68556XX	20	610	0.21	6.9	0.65	7.0	7.8	209	0.955	163
A68533XX	25	790	0.21	7.2	0.65	7.9	8.7	258	0.743	188
A68532XX	35	1070	0.21	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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