

**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, alkaline, petrol and diesel.
- ✓ Heat resistance
- ✓ Halogen free

**Product Construction**

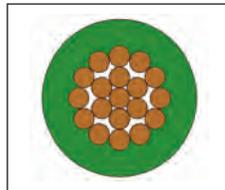
- ✓ Conductor : Soft-annealed electrolytic bare Copper according to ISO 6722-1 Symmetrical structure A
- ✓ Cable construction according to ISO 6722-1 Class C (Thin wall)
- ✓ Insulation : Electron Beam Cross Linked Polyolefin 125°C
- ✓ Colour : As per customer order.
- ✓ Single core, single layer insulation

**Technical Data**

- ✓ Temperature Range : -40°C to + 125°C
- ✓ Specification : ISO 6722-1 T3 - Temperature Class C A - Symmetrical



**2D View**



Approvals	Accreditations	Certifications

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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 Max.		Overall Diameter Min/Max.	Weight Approx.			
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
A80205XX *	0.35	7	0.27	0.9	0.25	1.20/1.40	5	54.4	12	500
A80206XX	0.5	19	0.19	1.1	0.28	1.40/1.60	7	37.1	15	500
A80208XX	0.75	19	0.24	1.3	0.30	1.70/1.90	10	24.7	20	500
A80210XX	1	19	0.27	1.5	0.30	1.90/2.10	11	18.5	24	500
A80213XX	1.5	19	0.33	1.8	0.30	2.20/2.40	17	12.7	30	500
A80214XX	2	19	0.38	2.0	0.35	2.50/2.80	23	9.42	37	500
A80216XX	2.5	37	0.28	2.2	0.35	2.70/3.00	25	7.60	42	500
A80217XX	3	37	0.34	2.4	0.40	3.10/3.40	35	6.15	49	500
A80219XX	4	37	0.38	2.8	0.40	3.40/3.70	43	4.71	58	500
A80221XX	5	37	0.43	3.1	0.40	3.90/4.20	54	3.94	66	500
A80223XX	6	37	0.45	3.4	0.40	4.00/4.30	59	3.14	75	500
A80225XX	8	98	0.33	4.3	0.40	4.60/5.00	82	2.38	92	500
A80227XX	10	63	0.46	4.5	0.60	5.30/6.00	105	1.82	107	500
A802A11XX	12	154	0.33	5.4	0.60	5.80/6.50	135	1.52	122	500
A80228XX	16	105	0.46	5.8	0.65	6.40/7.20	167	1.16	142	500
A80256XX	20	247	0.33	6.9	0.65	7.00/7.80	208	0.995	158	500
A80230XX	25	154	0.46	7.2	0.65	7.90/8.70	245	0.743	184	500

✓ 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.

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



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