

Application

- ✓ Low-tension electric wire for Automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.
- ✓ Especially used for requiring heat resistance.

Product Construction

- ✓ Conductor : Soft / annealed Plain Copper according to ASTM B3
- ✓ Insulation : PVC 125°C
- ✓ Colour : As per customer order
- ✓ Cable construction according to ISO 6722, Class C (Thin wall)
- ✓ Single core, Single layer insulation

Technical Data

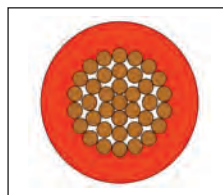
- ✓ Temperature Range: -40°C to +125°C (3000 Hours)
- ✓ Standard : ISO 6722 Class C (Thin wall)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm²
5kV (r.m.s.) for cables ≥ 0.5 mm²
- ✓ B - Asymmetrical Conductor (Structure B)

Features

- ✓ Unilay conductor PVC
- ✓ Thin wall insulation
- ✓ Saving of insulation material, resulting in Substantial Weight reduction
- ✓ Heat resistance
- ✓ Halogen free

Automotive Cables Class C (PVC) - B

2D View



Approvals Accreditations Certifications



Part Number	Conductor Construction				Insulation Wall Thickness Nom.	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 Max.	Weight Approx.			
	mm ²	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
B59205XX*	0.35	12	0.21	0.90	0.25	1.40	5	12	54.4	2000
B59206XX	0.50	16	0.21	1.10	0.28	1.60	6	16	37.1	2000
B59208XX	0.75	24	0.21	1.30	0.30	1.90	9	20	24.7	2000
B59210XX	1	32	0.21	1.50	0.30	2.10	12	25	18.5	2000
B59213XX	1.5	30	0.26	1.80	0.30	2.40	17	32	12.7	2000
B59214XX	2	28	0.31	2.00	0.35	2.80	23	37	9.42	2000
B59216XX	2.5	50	0.26	2.20	0.35	3.00	26	44	7.60	2000
B59217XX	3	44	0.31	2.40	0.40	3.40	34	51	6.15	1000
B59219XX	4	56	0.31	2.80	0.40	3.70	42	60	4.71	1000
B59221XX	5	65	0.33	3.10	0.40	4.20	53	69	3.94	1000
B59223XX	6	84	0.31	3.40	0.40	4.30	60	77	3.14	1000
B59227XX	10	80	0.41	4.50	0.60	6.00	106	107	1.82	1000
B59228XX	16	126	0.41	5.80	0.65	7.20	165	143	1.16	1000
B59230XX	25	196	0.41	7.20	0.65	8.70	249	188	0.743	1000
B59232XX	35	276	0.41	8.50	0.80	10.40	350	231	0.527	1000
B59234XX	50	396	0.41	10.50	0.90	12.20	495	290	0.368	1000
B59237XX	70	360	0.51	12.50	1.00	14.40	685	357	0.259	1000
B59238XX	95	475	0.51	14.80	1.10	16.70	930	424	0.196	1000

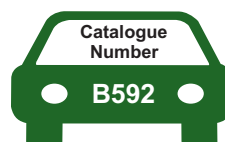
Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

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	

✓ * Other length as per Customer order.

✓ Current Carrying capacity given is for the maximum conductor operating temperature of 120°C and ambient air temperature of 40°C.

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



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