

Application

- ✓ High resistance requiring wiring systems
- ✓ Used in engine compartment, engine and gearbox wiring.
- ✓ Used in battery lead-wire for automobiles.

Product Construction

- ✓ Conductor : Soft-annealed electrolytic Copper E-Cu - ETP1 according to DIN 13602, bare conductor (Asymmetrical structure B)
- ✓ Optional : Tinned
- ✓ Insulation : Silicone Rubber (Thick wall)
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

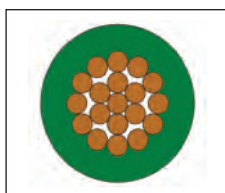
- ✓ Temperature Range : - 40°C to +200°C (3000 Hours)
- ✓ Test Voltage : 3kV (r.m.s.) for cables < 0.5 mm²
5kV (r.m.s.) for cables ≥ 0.5 mm²
- ✓ FL : Automotive Cable
- ✓ 2G : Silicone Rubber
- ✓ B : Asymmetrical (Structure B)
- ✓ Standard : ISO 6722, Class F

Features

- ✓ High flexibility at low temperatures
- ✓ Excellent ageing and high temperatures
- ✓ Fuel resistance

Automotive Cables **FL2G- B**

2D View



Approvals Accreditations Certifications



Part Number	Conductor Construction				Insulation Wall Thickness Min.	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
C41806XX	0.5	16	0.21	1.10	0.48	2.30	9	21	37.1	500
C41808XX	0.75	24	0.21	1.30	0.48	2.50	12	27	24.7	500
C41810XX	1.0	32	0.21	1.50	0.48	2.70	14	32	18.5	500
C41813XX	1.5	30	0.26	1.80	0.48	3.00	19	40	12.7	500
C41813XX	2.5	50	0.26	2.20	0.56	3.60	30	55	7.60	500
C41806XX	4	56	0.31	2.80	0.64	4.40	47	75	4.71	500
C41806XX	6	84	0.31	3.40	0.64	5.00	67	96	3.14	500
C41806XX	10	80	0.41	4.50	0.80	6.50	111	136	1.82	500
C41806XX	16	126	0.41	5.80	0.80	8.30	169	181	1.16	500
C41806XX	25	196	0.41	7.20	1.04	10.40	263	238	0.743	500
C41806XX	35	276	0.41	8.50	1.04	11.60	358	292	0.527	500
C41806XX	50	396	0.41	10.50	1.20	13.50	509	364	0.368	500
C41806XX	70	360	0.51	12.50	1.20	15.50	704	447	0.259	500
C41806XX	95	475	0.51	14.80	1.28	18.00	920	529	0.196	500

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	

✓ Current Carrying capacity given is for the maximum conductor operating of 200° 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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