

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 : Soft / annealed Plain Copper according to ASTM B3
- ✓ Insulation : Electron Beam Cross Linked Polyethylene
- ✓ Colour : As per customer order
- ✓ Cable construction according to ISO 6722, Class D (Thin wall)
- ✓ Single core, Single layer insulation

Technical Data

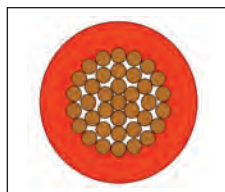
- ✓ Temperature Range: -40°C to +150°C (3000 Hours)
- ✓ Standard : ISO 6722 Class D (Thin wall)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm²
5kV (r.m.s.) for cables ≥ 0.5 mm²
- ✓ FL : Automotive Cable
- ✓ R : Reduced wall Thickness
- ✓ 2X : Cross Linked PE
- ✓ T4 : Temperature : -40°C to +150°C
- ✓ B : Asymmetrical Conductor (Structure B)

Features

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

Automotive Cables **FLR2X T4 (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		Weight Approx.			
						Min.	Max.				
	mm ²	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs	
A76105XX*	0.35	12	0.21	0.90	0.25	1.20	1.40	5	12	54.4	1000
A76106XX	0.50	16	0.21	1.10	0.28	1.40	1.60	6	16	37.1	1000
A76108XX	0.75	24	0.21	1.30	0.30	1.70	1.90	9	22	24.7	1000
A76110XX	1	32	0.21	1.50	0.30	1.90	2.10	12	26	18.5	1000
A76113XX	1.5	30	0.26	1.80	0.30	2.20	2.40	17	33	12.7	1000
A76114XX	2	28	0.31	2.00	0.35	2.50	2.80	23	41	9.42	1000
A76116XX	2.5	50	0.26	2.20	0.35	2.70	3.00	26	46	7.60	1000
A76117XX	3	44	0.31	2.40	0.40	3.10	3.40	34	54	6.15	1000
A76119XX	4	56	0.31	2.80	0.40	3.40	3.70	42	64	4.71	1000
A76121XX	5	65	0.33	3.10	0.40	3.90	4.20	53	72	3.94	1000
A76123XX	6	84	0.31	3.40	0.40	4.00	4.30	60	82	3.14	1000
A76127XX	10	80	0.41	4.50	0.60	5.30	6.00	106	119	1.82	1000
A76128XX	16	126	0.41	5.80	0.65	6.40	7.20	165	158	1.16	1000



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						Min.	Max.				
	mm ²	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs	
A76130XX*	25	196	0.41	7.20	0.65	7.90	8.70	249	208	0.743	1000
A76132XX	35	276	0.41	8.50	0.80	9.40	10.40	350	257	0.527	1000
A76134XX	50	396	0.41	10.50	0.90	11.00	12.20	495	321	0.368	1000
A76137XX	70	360	0.51	12.50	1.00	13.00	14.40	685	396	0.259	1000
A76138XX	95	475	0.51	14.80	1.10	15.30	16.70	930	469	0.196	1000

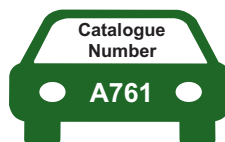
Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red-01	Yellow-02	Blue-03	Black-04	Green-05	Grey-07	Brown-08	White-09	Orange-10	Violet-11	LTGreen-17	Pink-21	Red-Black-24	Red-Orange-25	Yellow-Blue-26
Yellow-Pink-27	Green-Yellow-29	Blue-Black-30	Blue-Red-31	Blue-Yellow-32	Blue-Green-33	Black-Brown-35	Black-Green-37	Black-Orange-38	Black-Red-39	Black-White-40	Black-Yellow-41	Green-Black-42	Green-Red-43	Green-Grey-44
Green-Brown-45	Grey-White-46	Grey-Red-47	Grey-Violet-48	Grey-Black-49	Grey-Blue-50	Grey-green-51	Brown-Blue-52	Brown-Grey-53	Brown-Orange-55	Brown-Yellow-57	Brown-White-58	Brown-Green-59	White-Orange-60	White-Beige-61
White-Black-62	White-Brown-63	White-Blue-64	White-Grey-65	White-Red-66	Orange-Black-67	Orange-Grey-68	Orange-Brown-69	Orange-Blue-70	Orange-Green-71	Orange-White-73	Violet-Grey-75	Violet-Blue-76	Violet-Green-77	Pink-Blue-80
Pink-Orange-81	Pink-White-83	Beige-White-84	Beige-Blue-86	Beige-Orange-89	Beige-Red-91	Red-Green-93	Red-Yellow-94	Yellow-Red-95	Yellow-Black-96	Yellow-Brown-97	Yellow-Orange-98	Yellow-Violet-99	Blue-Brown-A01	Blue-White-A02
Green-Blue-A03	Green-White-A04	Grey-Yellow-A05	White-Violet-A06	White-Green-A07	White-Yellow-A08	Violet-Red-A09	Violet-White-A11	Red-White-A12	Green-Orange-A13	Blue-Orange-A14	Pink-Yellow-A15	Black-Grey-A16	Red-Blue-A17	Red-Grey-A18
Red-Pink-A19	Pink-Green-A20	Orange-Violet-A21	Red-Violet-A22	Violet-Pink-A23	Red-Brown-A25	Grey-Orange-A26	Green-Pink-A28	Blue-Grey-A34	Green-Violet-A35	LTGreen-Pink-A36	Grey-Brown-A39	Brown-Violet-A40	Pink-Violet-A41	Yellow-Grey-A43
LTGreen-Red-A44	Pink-LTGreen-A45	Green-LTGreen-A46	Green-LTBlue-A47	Grey-LTBlue-A48	White-LTBlue-A49	Violet-Brown-A50	Violet-LTBlue-A51	LTBlue-White-A52	Violet-LTGreen-A53	LTBlue-Orange-A54	White-LTGreen-A55	LTBlue-Brown-A56	Black-LTBlue-A57	LTBlue-Violet-A58
LTGreen-LTBlue-A59	Blue-LTBlue-A60	Red-LTBlue-A61	Brown-Beige-A62	Green-Beige-A63	Beige-A64	LTGreen-White-A65	Blue-Beige-A66	Blue-LTGreen-A67	Blue-Violet-A68	Brown-LTBlue-A69	LTGreen-Green-A70	Brown-LTGreen-A71	LTGreen-Grey-A72	Yellow-Beige-A73
Pink-LTBlue-A74	Beige-LTGreen-A75	Pink-Grey-A76	Red-LTGreen-A77	Black-Violet-A78	LT-Green/Dark-Green-A79	White-Pink-A80	Blue-Tan-A83	Brown-Pink-A84	Beige-Brown-A87	LTGreen-Black-A95				

** 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 of 150° C and ambient air temperature of 40°C.

✓ * Other length as per Customer order.



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