

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, lyes, Petrol and diesel
- ✓ Halogen free

Product Construction

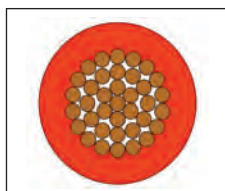
- ✓ Conductor : Soft / annealed Plain Copper according to ASTM B3
- ✓ Insulation : Electron Beam Cross Linked Polyethylene
- ✓ Colour : As per customer order
- ✓ Cable construction according to ISO 6722, Class D (Thin wall)
- ✓ Single core, Single layer insulation

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
- ✓ A : Symmetrical Conductor (Structure A)

Automotive Cables **FLR2X T4 (A)**

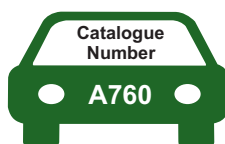
2D View



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.				
A76002XX*	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
A76002XX*	0.22	7	0.21	0.70	0.25	1.10	1.20	3	9	84.8	1000
A76005XX	0.35	7	0.27	0.90	0.25	1.20	1.30	5	12	54.4	1000
A76006XX	0.50	19	0.19	1.10	0.28	1.40	1.60	6	16	37.1	1000
A76008XX	0.75	19	0.24	1.30	0.30	1.70	1.90	9	22	24.7	1000
A76010XX	1	19	0.27	1.50	0.30	1.90	2.10	12	26	18.5	1000
A76013XX	1.5	19	0.33	1.80	0.30	2.20	2.40	17	33	12.7	1000
A76014XX	2	19	0.38	2.00	0.35	2.50	2.80	23	41	9.42	1000
A76016XX	2.5	37	0.28	2.20	0.35	2.70	3.00	26	46	7.60	1000
A76017XX	3	37	0.34	2.40	0.40	3.10	3.40	34	54	6.15	1000
A76019XX	4	37	0.38	2.80	0.40	3.40	3.70	42	64	4.71	1000
A76021XX	5	37	0.43	3.10	0.40	3.90	4.20	53	72	3.94	1000
A76023XX	6	37	0.45	3.40	0.40	4.00	4.30	60	82	3.14	1000
A76027XX	10	63	0.46	4.50	0.60	5.30	6.00	106	119	1.82	1000
A76028XX	16	105	0.46	5.80	0.65	6.40	7.20	165	158	1.16	1000



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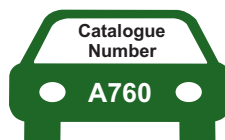
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						Min.	Max.				
	mm ²	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs	
A76030XX*	25	154	0.46	7.20	0.65	7.90	8.70	249	208	0.743	1000
A76032XX	35	551	0.30	8.50	0.80	9.40	10.40	350	257	0.527	1000
A76034XX	50	798	0.30	10.50	0.90	11.00	12.20	495	321	0.368	1000
A76037XX	70	1140	0.30	12.50	1.00	13.00	14.40	685	396	0.259	1000
A76038XX	95	836	0.40	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-Green-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-Brwon-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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