

Application

- ✓ Suitable for inside engine compartment
- ✓ Low-tension electric wire for automobiles
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits etc.
- ✓ Used for temperature sensors & electromagnetic coils

Product Construction

- ✓ Conductor : Soft-annealed electrolytic Copper E-Cu - ETP1 according to DIN 13602, bare conductor (Symmetrical)
- ✓ Optional : Tinned.
- ✓ Insulation : FEP (Fluorinated Ethylene Propylene), (Thin wall).
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

- ✓ Temperature Range : - 40°C to +175°C
- ✓ 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
- ✓ 6Y : Fluorinated Ethylene Propylene
- ✓ A : Symmetrical (Structure A)
- ✓ Standard : ISO 6722-1 , Class E LV 112-1

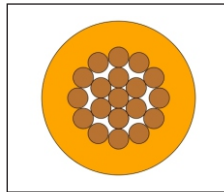
Features

- ✓ Good mechanical and thermal properties
- ✓ Excellent chemical resistance
- ✓ Very good oil and fuel resistance
- ✓ Corrosion resistance
- ✓ High resistance to atmospheric conditions and ozone
- ✓ Broad temperature range.

Automotive Cables

FLR6Y-A (175°C)

2D View



Approvals | Accreditations | Certifications



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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
A75202XX	0.22	7	0.21	0.70	0.20	1.20	3	10	84.8	500
A75205XX	0.35	7	0.27	0.90	0.20	1.30	5	13	54.4	500
A75206XX	0.5	19	0.19	1.10	0.22	1.60	6	18	37.1	500
A75208XX	0.75	19	0.24	1.30	0.24	1.90	9	23	24.7	500
A75210XX	1.0	19	0.27	1.50	0.24	2.10	11	28	18.5	500
A75213XX	1.5	19	0.33	1.80	0.24	2.40	16	36	12.7	500
A75216XX	2.5	37	0.28	2.20	0.28	3.00	25	50	7.60	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	Yellow/Blue - 26
Yellow/Pink - 27	Yellow/White - 28	Green/Yellow - 29	Blue/Black - 30	Blue/Red - 31	Blue/Yellow - 32	Black/Blue - 36	Black/Green - 37	Gray/Red - 47	Brown/Gray - 53	Brown/Red - 54
White/Black - 62	White/Brown - 63	White/Blue - 64	White/Red - 66	Red/Green - 93	Red/Yellow - 94	Blue/Brown - A01	White/Green - A07	White/Yellow - A08	Red/White - A12	Red/Gray - A18

- ✓ Current Carrying capacity given is for the maximum conductor operating of 175° 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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