

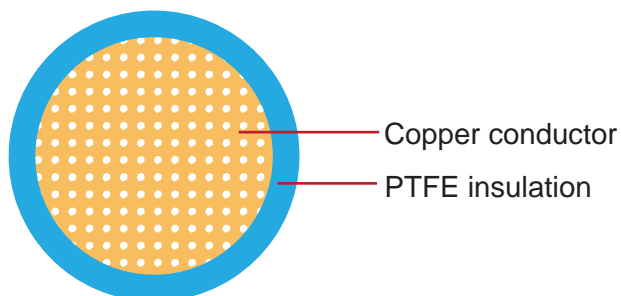
Automotive Cable

FLR5Y-B

Application and Description:

This PTFE insulated low-tension automotive cable is used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

Cable Construction:



Copper conductor

PTFE insulation

Conductor: Cu-ETP1 bare according to DIN EN 13602

Insulation: PTFE

Standard:

ISO 6722 Class H

Special properties:

Excellent resistance to chemicals

Due to its high temperature resistance, an equivalent alternative to PTFE

Technical Parameters:

Operating temperature: -90°C to $+260^{\circ}\text{C}$

Nominal cross-section	Conductor Construction			Insulation Nominal thickness	Cable		Weight approx.
	No. and Dia. of Wires	Diameter of Conductor max.	Electrical resistance at 20°C max.		Overall Diameter Min.	Overall Diameter Max.	
mm^2	No./mm	mm	$\text{m}\Omega/\text{m}$	mm	mm	mm	kg/km
1x 0.35	12/0.21	0.9	87.9	0.20	1.25	1.35	5
1x 0.5	16/0.21	1.0	56.8	0.22	1.4	1.6	6
1x 0.75	24/0.21	1.2	38.6	0.24	1.7	1.9	9
1x1	32/0.21	1.4	25.7	0.24	1.75	1.95	11
1x 1.5	30/0.26	1.7	19.3	0.24	2.1	2.3	16
1x 2.5	50/0.26	2.2	13.2	0.28	2.5	2.8	26
1x 4	56/0.31	2.75	4.91	0.32	3.05	3.35	40
1x 6	84/0.31	3.4	3.27	0.32	3.85	4.15	61

Note: Other configurations, sizes, colors and length not specified herein are available upon request.