

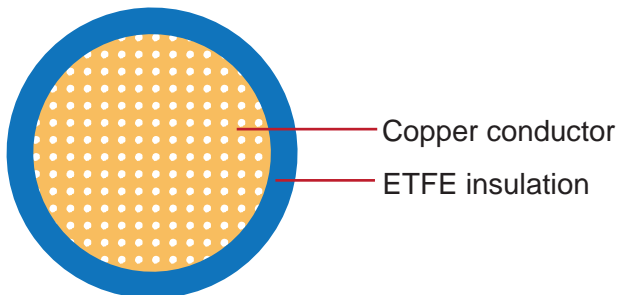
Automotive Cable

FLR7Y-B

Application and Description:

This ETFE 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

ETFE insulation

Conductor: Cu-ETP1 bare/tinned according to DIN EN 13602

Insulation: ETFE

Standard:

ISO 6722 Class E

Special properties:

Highly resistant against acids, lyes, petrol and diesel/Excellent chemical resistance/Good mechanical & thermal properties

Technical Parameters:

Operating temperature: -45°C to $+180^{\circ}\text{C}$

Nominal cross-section	Conductor Construction			Insulation Nominal thickness	Cable		
	No. and Dia. of Wires	Diameter of Conductor max.	Electrical resistance at 20°C bare/tinned max.		Overall Diameter Min.	Overall Diameter Max.	Weight approx.
mm ²	No./mm	mm	mΩ/m	mm	mm	mm	kg/km
1x0.35	12/0.21	0.9	54/55.5	0.2	1.2	1.4	5
1x0.5	16/0.21	1.0	37.1/38.2	0.22	1.4	1.6	7
1x0.75	24/0.21	1.2	24.7/25.4	0.24	1.7	1.9	10
1x1	32/0.21	1.35	18.5/19.1	0.24	1.9	2.1	12
1x1.5	30/0.26	1.7	12.7/13.0	0.24	2.2	2.4	18
1x2.5	50/0.26	2.2	7.6/7.82	0.28	2.7	3.0	30
4	56/0.31	2.75	4.71/4.85	0.32	3.4	3.7	42
6	84/0.31	3.3	3.14	0.32	4.0	4.3	62

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