

FLR2X-B



Application:

For use in automotive and electric motor & generator applications. Rated for continuous use from -40°C up to 125°C.

Standards/Specification:

ISO 6722, DIN 72551-6

AUTOMOTIVE WIRE - UNIVERSAL

Construction:

- 1 Conductor: Soft-annealed electrolytic copper Cu-ETP1 according to DIN EN 13602, bare or tinned. Conductor construction according to ISO 6722.
- 2 Insulation: Cross-linked PE(125 °C)

Product Features:

Voltage rating 60 V d.c, 25 V a.c.
 Temperature range: -40 °C to +125 °C (3000 h)
 Oil resistant: Yes
 Fuel resistant: Yes
 Abrasion resistance: Yes
 Flame resistance: Yes
 Halogen-free.



Technical Data:

Nominal Cross-Section (mm ²)	Strand No./Max. Diameter (N/mm)	Diameter of Conductor Max. (mm)	Nominal Insulation Thickness (mm)	Min. - Max. Overall Diameter (mm)	Max. Conductor Resistance (20°C Ω/km)	Weight Approx. (kg/km)
0.50	16/0.21	1.10	0.28	1.4 - 1.6	37.1	6.4
0.75	24/0.21	1.30	0.30	1.7 - 1.9	24.7	9.4
1.00	32/0.21	1.50	0.30	1.9 - 2.1	18.5	12
1.50	30/0.26	1.80	0.30	2.2 - 2.4	12.7	17
2.00	41/0.254	2.00	0.35	2.5 - 2.8	9.42	22
2.50	50/0.25	2.20	0.35	2.7 - 3.0	7.6	29
3.00	44/0.31	2.40	0.40	3.1 - 3.4	6.15	35
4.00	56/0.31	2.80	0.40	3.4 - 3.7	4.71	43
5.00	65/0.33	3.10	0.40	3.9 - 4.2	3.94	55
6.00	84/0.31	3.40	0.40	4.0 - 4.3	3.14	62
10.00	80/0.41	4.5	0.60	5.3 - 6.0	1.82	108
16.00	126/0.41	5.8	0.65	6.4 - 7.2	1.16	161
20.00	152/0.41	6.9	0.65	7.0 - 7.8	0.955	200
25.00	196/0.41	7.2	0.65	7.9 - 8.7	0.743	257