FLR51Y-B

-40°C ÷ +260°C

Wires for automotive use, in PFA insulation





CHARACTERISTIC:

- Continuous working temperatures: - 40°C to + 260°C/3000h (ISO 6722 cl.G).
- Excellent resistance to aggressive chemical atmospheres.
- Excellent resistance to humidity and UV.
- Good chemical resistance to automotive oils and fuels.
- Excellent mechanical strength.
- Excellent resistance to abrasion.
- Flame retardant.

CONSTRUCTION:

- Core: Soft-annealed electrolytic bare or tin-plated copper Cu-ETP1 according to DIN EN 13602.
- Conductor construction according to ISO 6722.
- Insulation: thermoplastic PFA polymer, all single-colors.
- Possibility of making CuSn braid or FeZn reinforcement.

APPLICATIONS:

- Low voltage wires for automotive applications in engine compartment, automotive wiring in high temperature and aggressive environments requiring compact size and excellent mechanical strength.

Cross-sec.	Core diameter max	Nominal thickness insulation	Min. thickness insulation	Outside diameter cable max
[mm^2]	[mm]	[mm]	[mm]	[mm]
0,126	0,55	0,25	0,20	1,05
0,22	0,70	0,25	0,20	1,20
0,35	0,90	0,25	0,20	1,40
0,50	1,10	0,28	0,22	1,60
0,75	1,30	0,30	0,24	1,90
1	1,50	0,30	0,24	2,10
1,5	1,80	0,30	0,24	2,40
2,5	2,20	0,35	0,28	3,00
4	2,80	0,40	0,32	3,70
6	3,40	0,40	0,32	4,30

Other kinds of cross-sec., construction etc. available on request.

PACKING:



MG WIRES GROUP Sp. z o.o.

ul. Porcelanowa 23
PL 40-246 Katowice

ul. Cieszyńska 6
PL 43-520 Chybie

+48 692 253 898
+48 33 474 08 00

sprzedaz@mgwires.pl
zamowienia@mgwires.pl

NIP 5482679262 KRS 0000947336 REGON 366374725 www.mgwires.pl