



Hook Up wires PVDF (Kynar®)

Polyvinylidene fluoride (PVDF), Kynar® PVDF, is characterized by high dielectric strength, high toughness and flexibility and has a low weight. It is very resistant to high temperatures and UV radiation, as well as corrosive and aggressive chemicals.

Conductor:

Silver-plated copper wire or strand (ASTM B-298)

Insulation:

Polyvinylidene fluoride (PVDF), Mil-W-81822/3

Temperature range:

to 150 ° C

Operating voltage:

300 V

Elongation:

300 - 550 %

Tensile strength:

3'500 - 5'000 psi

Tear strength:

5'000 -7'000 psi

Flammability :

UL 94(V-0, 5VA)

Dielectric constant:

3.2 - 10.2

Compatibility:

RoHS

Dimensions:

Article Number	AWG	Conductor Ø [mm]	Tolerances [mm]	Insulated wire Ø [mm]	Resistance at 20 ° C [Ω/km]	Weight [kg/km]
FLS18B01KX-7	18	1,024	± 0,0762	1,372	21,3	6,49
FLS20B01KX-7	20	0,813	± 0,0508	1,168	33,8	5,57
FLS22B01KX-7	22	0,643	± 0,0508	0,991	54,4	3,68
FLS24B01KX-7	24	0,511	± 0,0375	0,864	118,7	2,50
FLS26B01KX-7	26	0,404	± 0,0375	0,749	138,0	1,71
FLS28B01KX-7	28	0,320	± 0,0375	0,673	217,8	1,49
FLS30B01KX-4.75	30	0,254	± 0,0254	0,495	347,1	0,88