

## Fluoropolymer Hookup Wires

### Kynar® Insulated Wires



Polyvinylidene Fluoride (PVDF), Kynar® PVDF, is an excellent choice of insulation when flexibility, toughness, light weight, and resistance to chemical, thermal, corrosive, and ultraviolet attack is important.

<b>Conductor:</b>	Silver Plated Copper, Solid or Stranded (ASTM B-298)
<b>Insulation:</b>	Basic (1 layer) Insulation Mil-W-81822/3 Polyvinylidene Fluoride (PVDF)
<b>Temperature Rating:</b>	150 ° C
<b>Voltage:</b>	300 V
<b>Elongation :</b>	300 - 550 %
<b>Tensile Yield Strength:</b>	3'500 - 5'000 psi
<b>Tensile Break Strength:</b>	5'000 -7'000 psi
<b>UL Flammability Rating:</b>	V-0, 5VA
<b>Dielectric Constant:</b>	3,2 - 10,2
<b>Compliances:</b>	RoHS compliant

#### Dimensions:

Item Number	AWG	Core O.D. [mm]	Tolerances [mm]	Insulated Wire O.D. [mm]	DC Resistance @ 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

#### Notes:

All wires undergo certain tolerances and therefore the dimensions indicated have to be considered as guidance values. The sizes shown in the table above represent only a choice. Please contact us if different sizes or tolerances are required.