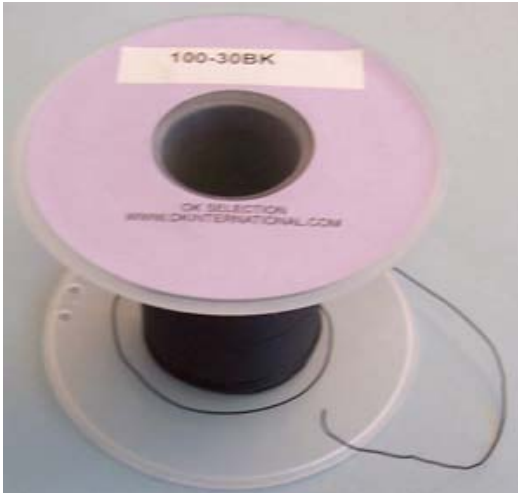


# Kynar Wire

## Prototyping Wire

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### Features:

- Wire wrapping-making solderless connections of wires to terminals remains the preferred method for both automatic and semi-automatic termination in the wiring of computer backpanels.
- Due to kynar's superior mechanical properties, high temperature characteristics and economical price, Kynar insulated wire wrap products are the most popular choice in the industry.
- These insulated wires are available in gauge size 26, in single conductor or twisted pair constructions, and may be ordered to a variety of UL or CSA listings, as well as conforming to Mil-W-81822/3.

### Specifications and Standard Put-Up Data UL Style 1423

105°C, Voltage Not Specified, 4mil Minimum Average Wall, 3mil Minimum at Any Point, Silver Plated Copper Conductor					
Conductor		Overall Diameter			Standard Put-Up (ft)
AWG	Diameter	Minimum	Nominal	Maximum	
26	0.0159	0.0245	0.0260	0.0275	11,000

Dimensions : Inches

### Specifications and Standard Put-Up Data UL Style 1422

105°C, Voltage Not Specified, 5mil Minimum Average Wall, 4mil Minimum at Any Point, Silver Plated Copper Conductor					
Conductor		Overall Diameter			Standard Put-Up (ft)
AWG	Diameter	Minimum	Nominal	Maximum	
26	0.0159	0.0255	0.0270	0.0285	9000

Dimensions : Inches

### Specifications and Standard Put-Up Data Mil-W081822/3B

135°C, 300 Volts, Silver Plated Oxygen Free Conductor					
Conductor		Overall Diameter			Standard Put-Up (ft)
AWG	Diameter	Minimum	Nominal	Maximum	
26	0.0159	0.0280	0.0295	0.0310	9000

Dimensions : Inches

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## Prototyping Wire

Insulation Properties :	
Characteristics	Value
Specific Gravity	1.75
Tensile Strength at Yield 75°F (p.s.i)	5200
Elongation at Break (%)	50 - 250
Dielectric Constant at 60 Cycle	8.40
Dielectric Constant Volts/mil	950
Hardness Durometer Shore D	75 - 80
Flexural Modulus at 75°F (p.s.i)	156 - 260 x 10 <sup>3</sup>
Water Absorbtion (%)	0.04
Service Temperature	275°F (135°C)
Flamability	V-0

### Specification Table

AWG Size	Conductor Size (Inch)	Number of Conductors	Part Numbers
26	0.0159	1	100-26BK
			100-26R
			100-26G
			100-26B
			100-26W

# Kynar Wire

## Prototyping Wire

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### Notes:

### International Sales Offices:



**AUSTRALIA – Farnell InOne**  
Tel No: ++ 61 2 9645 8888  
Fax No: ++ 61 2 9644 7898



**FINLAND – Farnell InOne**  
Tel No: ++ 358 9 560 7780  
Fax No: ++ 358 9 345 5411



**NETHERLANDS – Farnell InOne**  
Tel No: ++ 31 30 241 7373  
Fax No: ++ 31 30 241 7333



**SWITZERLAND – Farnell InOne**  
Tel No: ++ 41 1 204 64 64  
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**AUSTRIA – Farnell InOne**  
Tel No: ++ 43 662 2180 680  
Fax No: ++ 43 662 2180 670



**FRANCE – Farnell InOne**  
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**UK – Farnell InOne**  
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**BELGIUM – Farnell InOne**  
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**GERMANY – Farnell InOne**  
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Fax No: ++ 49 89 613 59 01



**NORWAY – Farnell InOne**  
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Fax No: ++ 45 44 53 66 02



**UK – BuckHickman InOne**  
++ 44 8450 510 150  
++ 44 8450 510 130



**BRAZIL – Farnell-Newark InOne**  
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Fax No: ++ 852 2268 9899



**PORTUGAL – Farnell InOne**  
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Fax No: ++ 34 93 474 5288



**UK – CPC**  
++ 44 8701 202 530  
++ 44 8701 202 531



**CHINA – Farnell-Newark InOne**  
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Fax No: ++ 353 1 830 9016



**SINGAPORE – Farnell-Newark InOne**  
Tel No: ++ 65 6788 0200  
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For enquiries from all other markets



**DENMARK – Farnell InOne**  
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Tel No: ++ 46 8 730 50 00  
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<http://www.farnellinone.com>

<http://www.buckhickmaninone.com>

<http://www.cpc.co.uk>

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