

Wiremax

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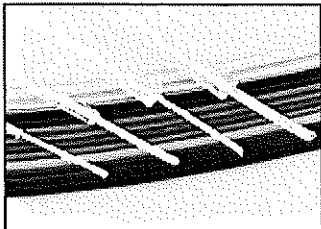
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Wiremax Products > High Voltage FEP Wire > Item # ETN 1824-2

[larger image](#)**Item # ETN 1824-2, Red 1.27 Millimeter (mm) Primary Outer Diameter (O.D.) High Voltage FEP Wire**

Wiremax High voltage Teflon insulated wires manufactured with FEP insulation offer the following:

Fluorinated Ethylene Propylene (FEP) offers an excellent combination of properties that include: exceptional dielectric properties, a low dielectric constant over a wide frequency range, chemical inertness including transformer oils and dielectric fluids, heat resistance with retention of properties after service at 400° F (204° C), toughness, flexibility, possesses a very high degree of stress crack resistance, low coefficient of friction, low flammability, negligible moisture absorption, has long term weatherability and excellent resistance to ozone sunlight and weather. FEP offers the lowest refractive index of all thermoplastics with low light reflection (the same as water)

[Specifications](#) · [Applications](#)**Specifications**

Direct Current (DC) Voltage	18 kV
Wire Size	24 AWG
Conductor/Stranding Construction	19/36
Primary Diameter	0.050 in
Primary Outer Diameter (O.D.)	1.27 mm
Color	Red
Features	<ul style="list-style-type: none"> • High Temperature - 55°C Thru 200°C • High Voltage 1 KVDC thru 30 KVDC • 28 AWG thru 20 AWG Conductors, Silver plated copper • High flexibility
Note	Standard Construction. Special Constructions available upon request.

Applications

- TWT's
- Laser Systems
- CRT Displays
- Military and Space
- Industrial and Medical
- Power Supplies

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