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## FEP High Voltage Wire

Benefits of extruded fluorinated ethylene propylene (FEP) insulated high voltage wire and cable:

- Exceptional dielectric strength without the disadvantages common to equally rated silicone rubber insulated wire
- Wire, cable assemblies and cable bundles have much smaller diameter than silicone wire and, therefore, take up substantially less volume while also having a smaller bend radius allowing the designer to better utilize the space within the system
- Low DC corona inception,

[+ more](#)



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<u>Part Number</u>	<u>Conductor Gauge</u>	<u>Conductor Strands</u>	<u>Diameter Over Insulation</u>	<u>Conductor Plating</u>	<u>Conductor Material</u>	<u>Voltage Rating</u>
<a href="#">178-9907</a>	29 AWG	51/46	0.025 in 0.64 mm	Silver Plated	Copper	5 kVDC
<a href="#">178-9912</a>	28 AWG	19/40	0.040 in 1.00 mm	Silver Plated	Copper	5 kVDC
<a href="#">178-9560</a>	20 AWG	19/32	0.060 in 1.50 mm	Silver Plated	Copper	10 kVDC
<a href="#">178-5626</a>	16 AWG	19/29	0.080 in 2.00 mm	Silver Plated	Copper	12 kVDC
<a href="#">178-5079</a>	28 AWG	41/44	0.042 in 1.00 mm	Silver Plated	Copper	12 kVDC
<a href="#">178-5790</a>	28 AWG	19/40	0.040 in 1.00 mm	Silver Plated	Copper	18 kVDC
<a href="#">178-5792</a>	26 AWG	19/38	0.045 in 1.10 mm	Silver Plated	Copper	18 kVDC

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<a href="#"><u>178-8751</u></a>	28 AWG	19/40	0.050 in 1.20 mm	Silver Plated	Copper	18 kVDC
<a href="#"><u>178-7680</u></a>	26 AWG	19/38	0.050 in 1.20 mm	Silver Plated	Copper	18 kVDC
<a href="#"><u>178-8072</u></a>	24 AWG	19/36	0.050 in 1.20 mm	Silver Plated	Copper	18 kVDC
<a href="#"><u>178-8073</u></a>	22 AWG	19/34	0.055 in 1.40 mm	Silver Plated	Copper	18 kVDC
<a href="#"><u>178-8523</u></a>	24 AWG	19/36	0.060 in 1.50 mm	Silver Plated	Copper	18 kVDC
<a href="#"><u>178-8679</u></a>	22 AWG	19/34	0.060 in 1.50 mm	Silver Plated	Copper	20 kVDC
<a href="#"><u>178-7435</u></a>	22 AWG	19/34	0.080 in 2.00 mm	Silver Plated	Copper	22 kVDC
<a href="#"><u>178-8883</u></a>	20 AWG	19/32	0.090 in 2.20 mm	Silver Plated	Copper	21 kVDC
<a href="#"><u>178-8545</u></a>	14 AWG	19/26	0.150 in 3.80 mm	Tin Plated	Copper	22 kVDC
<a href="#"><u>178-9490</u></a>	26 AWG	19/38	0.080 in 2.00 mm	Silver Plated	Copper	25 kVDC
<a href="#"><u>178-8316</u></a>	20 AWG	19/32	0.080 in 2.00 mm	Silver Plated	Copper	22 kVDC
<a href="#"><u>178-9824</u></a>	16 AWG	41/32	0.125 in 3.10 mm	Silver Plated	Copper	25 kVDC
<a href="#"><u>167-7628</u></a>	20 AWG	19/32	0.100 in 2.50 mm	Silver Plated	Copper	30 kVDC
<a href="#"><u>167-9611</u></a>	16 AWG	19/29	0.180 in 4.50 mm	Silver Plated	Copper	30 kVDC

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<u>167-4873</u>	18 AWG	19/30	N/A	Silver Plated	Copper	N/A
<u>167-9543</u>	20 AWG	19/32	N/A	Tin Plated	Copper	N/A
<u>167-9609</u>	20 AWG	19/32	N/A	Tin Plated	Copper	N/A
<u>167-9610</u>	20 AWG	19/32	N/A	Tin Plated	Copper	N/A