



## High Voltage Micro Flex Wire and Cable



### High Voltage Microflex

Micro Flex wire and cable, like FEP high voltage wire and cable, is available uncoated or with a silicone rubber coating over the PFA insulation. The coated cable is processed with a silicone rubber coating continuously applied to the etched surface of the cable. The coated cable has characteristics similar to silicone rubber cable and a superior dielectric bond to silicone rubber potting or bonding material can be achieved.

#### High Voltage Microflex Attributes

OPERATING VOLTAGE (KVDC)	CONDUCTOR		PLATING	CONDUCTOR	Ø OVER INSULATION	PART NUMBER
	AWG	STRANDS		Ø IN./MM	IN./MM	
3	29	51/46	SPC	.012/0.33	.019/0.48	178-5132
5	29	51/46	SPC	.012/0.33	.025/0.64	178-5135
13.5	28	41/44	SPC	.014/0.37	.042/1.07	178-5138
18	24	41/40	SPC	.022/0.58	.050/1.27	178-5141
25	16	41/32	SPC	.059/1.50	.125/3.17	178-5577

#### Silicone Coated High Voltage Microflex Attributes

OPERATING VOLTAGE (KVDC)	CONDUCTOR		PLATING	CONDUCTOR	Ø OVER SILICONE COAT	PART NUMBER
	AWG	STRANDS		Ø IN./MM	IN./MM	
3	29	51/46	SPC	.012/0.33	.029/0.79	178-5134
5	29	51/46	SPC	.012/0.33	.035/0.89	178-5137
13.5	28	41/44	SPC	.014/0.37	.052/1.32	178-5140
18	24	41/40	SPC	.022/0.58	.060/1.52	178-5143

#### Shielded High Voltage Microflex Attributes

OPERATING VOLTAGE KVDC	CONDUCTOR		PLATING	CONDUCTOR	Ø OVER INSULATION	Ø OVER BRAID	PART NUMBER
	AWG	STRANDS		Ø IN./MM	IN./MM	IN./MM	
6	22	65/40	SPC	.030/0.76	.041/1.04	.053/1.35	178-5459 -X

The basic color of High Voltage Micro Flex cable is Natural. Other colors are available on special order. To specify a color add a hyphen to the Part Number as follows:

-1 Red -2 Blue -3 Green -4 Orange -5 Brown -6 Yellow -7 White -8 Violet -9 Black -10 Grey