



Low Voltage Micro Flex Wire and Cable



Operating Voltage: 250 volts DC . 100% tested at 2000 volts DC wet spark
Sample tested at 1500 volts DC at simulated 70,000 foot altitude

Un-Shielded

CONDUCTOR		PLATING	CONDUCTOR	Ø OVER INSULATION	PART NUMBER
AWG	STRANDS		Ø IN./MM	IN./MM	
30	41/46	SPC	.012/0.30	.018/0.46	178-5125
29	51/46	SPC	.013/0.35	.019/0.48	178-5126
28	41/44	SPC	.014/0.37	.022/0.56	178-5127
28	41/44	SPC	.014/0.37	.032/0.81	178-5109
26	66/44	SPC	.018/0.48	.025/0.64	178-5128
26	66/44	SPC	.018/0.48	.032/0.81	178-5110
24	41/40	SPC	.023/0.59	.035/0.89	178-5129
22	65/40	SPC	.030/0.78	.041/1.04	178-5130
20	105/40	SPC	.039/0.99	.054/1.37	178-5131

Shielded

CONDUCTOR		PLATING	CONDUCTOR	Ø OVER INSULATION	Ø OVER BRAID	PART NUMBER
AWG	STRANDS		Ø IN./MM	IN./MM	IN./MM	
28	41/44	SPC	.014/0.37	.032/0.81	.044/1.12	178-5108
24	41/40	SPC	.023/0.59	.035/0.89	.049/1.25	178-5518
22	65/40	SPC	.030/0.78	.041/1.04	.053/1.35	178-5318

Twisted Pair



Ø .068 IN./1.73mm MAX.

Construction

Part Number

2 X 178-5109 Blue
2 X 178-5110 Green

178-5515
178-5517

Shielded Twisted Pair



BRAIDED SHIELD
Ø .078 IN./1.98mm
40 AWG, SPC

178-5109 X 2

2 X 178-5109 Blue

178-5516

Twisted Shielded Quad



BRAIDED SHIELD
Ø .090 IN./2.29mm
40 AWG, SPC

178-5109 X 4

4 X 178-5109 Blue

178-5111