

# 03 橡膠線

芯數 Core Number	導體 Conductor			絕緣厚度 Thickness of Insulation		外被厚度 Thickness of Sheath		標準 完成 外徑 Overall Diameter (約) (approx.)	最大 導體 電阻 Conductor Resistance Max. (20°C)	最小 絕緣 電阻 Insulation Resistance Min. (20°C)	交流 電壓 Test Voltage
	標稱 截面積 Nominal sectional area	構成 Construction 單線數 / 單線徑 Number/ Diameter of wire	外徑 Outer Diameter (約) (approx.)	最小值 Min.	平均值 Average	最小值 Min.	平均值 Average				
	AWG	No./mm	mm	mm	mm	mm	mm	mm	Ω/km	MΩ/km	kV/min
3C	18	7/0.386±0.004	1.16	0.686↑	0.762↑	1.02↑	1.14↑	9.5	22.47	2,335	3.5/5
	16	7/0.488±0.005	1.46	0.686↑	0.762↑	1.02↑	1.14↑	10.2	14.08	2,005	3.5/5
	14	7/0.615±0.06	1.85	0.686↑	0.762↑	1.02↑	1.14↑	11.1	8.67	1,690	3.5/5
	12	7/0.775±0.08	2.33	0.686↑	0.762↑	1.02↑	1.14↑	12.1	5.76	1,350	3.5/5
	10	7/0.978±0.01	2.93	0.686↑	0.762↑	1.27↑	1.52↑	14.2	3.62	1,130	3.5/5
	8	7/1.23±0.012	3.69	1.016↑	1.143↑	1.27↑	1.52↑	17.7	2.27	1,365	5.5/5
	6	7/1.56±0.016	4.68	1.016↑	1.143↑	1.27↑	1.52↑	19.8	1.43	1,125	5.5/5
	4	7/1.96±0.02	5.88	1.016↑	1.143↑	1.78↑	2.03↑	23.5	0.901	935	5.5/5
	2	7/2.47±0.025	7.41	1.016↑	1.143↑	1.78↑	2.03↑	26.8	0.566	760	5.5/5
	1	19/1.69±0.017	8.45	1.270↑	1.397↑	1.78↑	2.03↑	30.2	0.450	790	7.0/5
	1/0	19/1.89±0.019	9.45	1.270↑	1.397↑	1.78↑	2.03↑	32.4	0.356	720	7.0/5
	2/0	19/2.13±0.021	10.65	1.270↑	1.397↑	1.78↑	2.03↑	34.9	0.282	645	7.0/5
	3/0	19/2.39±0.024	11.95	1.270↑	1.397↑	1.78↑	2.03↑	37.7	0.224	585	7.0/5
	4/0	19/2.68±0.027	13.	1.270↑	1.397↑	1.78↑	2.03↑	41.0	0.176	525	7.0/5
4C	18	7/0.386±0.004	1.16	0.686↑	0.762↑	1.02↑	1.14↑	10.3	22.47	2,335	3.5/5
	16	7/0.488±0.005	1.46	0.686↑	0.762↑	1.02↑	1.14↑	11.0	14.08	2,005	3.5/5
	14	7/0.615±0.06	1.85	0.686↑	0.762↑	1.02↑	1.14↑	12.0	8.67	1,690	3.5/5
	12	7/0.775±0.08	2.33	0.686↑	0.762↑	1.02↑	1.14↑	13.2	5.76	1,350	3.5/5
	10	7/0.978±0.01	2.93	0.686↑	0.762↑	1.27↑	1.52↑	15.4	3.62	1,130	3.5/5
	8	7/1.23±0.012	3.69	1.016↑	1.143↑	1.27↑	1.52↑	19.3	2.27	1,365	5.5/5
	6	7/1.56±0.016	4.68	1.016↑	1.143↑	1.78↑	2.03↑	22.8	1.43	1,125	5.5/5
	4	7/1.96±0.02	5.88	1.016↑	1.143↑	1.78↑	2.03↑	25.7	0.901	935	5.5/5
	2	7/2.47±0.025	7.41	1.016↑	1.143↑	1.78↑	2.03↑	29.3	0.566	760	5.5/5
	1	19/1.69±0.017	8.45	1.270↑	1.397↑	1.78↑	2.03↑	33.2	0.450	790	7.0/5
	1/0	19/1.89±0.019	9.45	1.270↑	1.397↑	1.78↑	2.03↑	35.6	0.356	720	7.0/5
	2/0	19/2.13±0.021	10.65	1.270↑	1.397↑	1.78↑	2.03↑	38.5	0.282	645	7.0/5
	3/0	19/2.39±0.024	11.95	1.270↑	1.397↑	1.78↑	2.03↑	41.7	0.224	585	7.0/5
	4/0	19/2.68±0.027	13.	1.270↑	1.397↑	2.41↑	2.79↑	47.0	0.176	525	7.0/5