

3-17 600V EPRN 橡膠電纜

構造 Construction/



額定 Rating/

600V EPRN/EPRH 電力電纜
600V EPRN/EPRH Cable

規格 Standard/

ICEA-956-58

絕緣顏色 Color of insulation/

2 芯：藍、棕

2 cores: Blue, Brown

3 芯：黃 / 綠、藍、棕

3 cores: Yellow/Green, Blue, Brown

4 芯：黃 / 綠、藍、黑、棕

4 cores: Yellow/Green, Blue, Black, Brown

用途 Application/

適用於 600V 以下 EPR(乙丙烯橡膠) 絕緣，Neoprene(氯丁二烯) 被覆或 Hypalon(氯磺化聚乙烯) 被覆之電力電纜。此電力電纜用於電力配電系統，具有極佳絕緣電阻，有優良耐衝擊、耐彎曲、耐磨及伸張特性，亦有良好的耐油、抗化學藥品、耐熱及耐候性。

Suitable for power cables with EPR (ethylene propylene rubber) insulation, Neoprene (chloroprene) coating or Hypalon (chlorosulfonated polyethylene) coating below 600V. This power cable is used in power distribution system and has excellent insulation resistance, excellent impact resistance, bending resistance, abrasion resistance and tensile properties, and also has good oil resistance, chemical resistance, heat resistance and weather resistance.

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
2C	18	7/0.386±0.004	1.16	0.686↑	0.762↑	1.02↑	1.14↑	9.1	22.47	2,335	3.5/5
	16	7/0.488±0.005	1.46	0.686↑	0.762↑	1.02↑	1.14↑	9.7	14.08	2,005	3.5/5
	14	7/0.615±0.06	1.85	0.686↑	0.762↑	1.02↑	1.14↑	10.5	8.67	1,690	3.5/5
	12	7/0.775±0.08	2.33	0.686↑	0.762↑	1.02↑	1.14↑	11.5	5.76	1,350	3.5/5
	10	7/0.978±0.01	2.93	0.686↑	0.762↑	1.02↑	1.14↑	12.7	3.62	1,130	3.5/5
	8	7/1.23±0.012	3.69	1.016↑	1.143↑	1.27↑	1.52↑	16.7	2.27	1,365	5.5/5
	6	7/1.56±0.016	4.68	1.016↑	1.143↑	1.27↑	1.52↑	18.7	1.43	1,125	5.5/5
	4	7/1.96±0.02	5.88	1.016↑	1.143↑	1.78↑	2.03↑	22.2	0.901	935	5.5/5
	2	7/2.47±0.025	7.41	1.016↑	1.143↑	1.78↑	2.03↑	25.2	0.566	760	5.5/5
	1	19/1.69±0.017	8.45	1.270↑	1.397↑	1.78↑	2.03↑	28.4	0.450	790	7.0/5
	1/0	19/1.89±0.019	9.45	1.270↑	1.397↑	1.78↑	2.03↑	30.4	0.356	720	7.0/5
	2/0	19/2.13±0.021	10.65	1.270↑	1.397↑	1.78↑	2.03↑	32.8	0.282	645	7.0/5
3/0	19/2.39±0.024	11.95	1.270↑	1.397↑	1.78↑	2.03↑	35.4	0.224	585	7.0/5	
4/0	19/2.68±0.027	13.	1.270↑	1.397↑	1.78↑	2.03↑	38.4	0.176	525	7.0/5	