



XLPE/PVC Circular

4 Core+Earth

Series: XV

Standard: AS/NZS 5000.1

Voltage: 0.6/1kV

Conductor: Plain Annealed Copper(Class 2)

Insulation: X-90(Red, White, Blue, Black, Green/Yellow)

Sheath: 5V-90(Orange, Black)



Core x cross-section mm ²	Conductor No.		Nominal insulation thickness		Nominal sheath thickness mm	Approx. overall diameter mm	Approx. weight kg/km	Product code
	phase	earth	phase mm	earth mm				
4×1.5+1×1.5E	7	7	0.7	0.5	1.8	11.5	155	XV4C0015E
4×2.5+1×2.5E	7	7	0.7	0.6	1.8	13.0	223	XV4C0025E
4×4+1×2.5E	7	7	0.7	0.6	1.8	14.2	292	XV4C0040E
4×6+1×2.5E	7	7	0.7	0.6	1.8	15.4	374	XV4C0060E
4×10+1×4E	7	7	0.7	0.7	1.8	17.9	561	XV4C0100E
4×16+1×6E	7	7	0.7	0.7	1.8	20.5	822	XV4C0160E
4×25+1×6E	7	7	0.9	0.7	1.8	23.7	1179	XV4C0250E
4×35+1×10E	7	7	0.9	0.7	1.8	26.4	1598	XV4C0350E
4×50+1×16E	19	7	1.0	0.7	1.9	30.2	2161	XV4C0500E
4×70+1×25E	19	7	1.1	0.9	2.0	35.1	3083	XV4C0700E
4×95+1×25E	19	7	1.1	0.9	2.2	39.7	4130	XV4C0950E
4×120+1×35E	19	7	1.2	0.9	2.3	44.2	5208	XV4C1200E
4×150+1×50E	30	19	1.4	1.0	2.5	49.0	6470	XV4C1500E
4×185+1×70E	37	19	1.6	1.1	2.7	55.4	8209	XV4C1850E
4×240+1×95E	48	19	1.7	1.1	2.9	62.7	10793	XV4C2400E
4×300+1×120E	61	19	1.8	1.2	3.1	69.1	13521	XV4C3000E

Core x cross-section mm ²	Min. Bending Radius mm	Current Rating		Electrical Characteristics Maximum DC Resistance 20°C Ω/km
		underground A	in the air A	
4×1.5+1×1.5E	173	/	/	13.6
4×2.5+1×2.5E	195	39	28	7.41
4×4+1×2.5E	213	51	37	4.61
4×6+1×2.5E	231	64	47	3.08
4×10+1×4E	269	86	65	1.83
4×16+1×6E	308	110	84	1.15
4×25+1×6E	356	140	110	0.727
4×35+1×10E	396	170	135	0.524
4×50+1×16E	453	205	170	0.387
4×70+1×25E	527	250	215	0.268
4×95+1×25E	596	300	265	0.193
4×120+1×35E	663	345	310	0.153
4×150+1×50E	735	385	350	0.124
4×185+1×70E	831	435	405	0.0991
4×240+1×95E	941	500	480	0.0754
4×300+1×120E	1037	565	555	0.0601

in the air: when working temperature is 90°C and the ambient temperature is 40°C.

underground: when soil thermal resistivity is 1.0K·m/W, working temperature is 90°C and the ambient temperature is 25°C.