



Fire Resistant
4 Core+Earth Mica tape/X-HF-110/HFS-110-TP

Series: FR

Standard: AS/NZS 5000.1, AS/NZS 3013 and BS6387

Voltage: 0.6/1kV

Conductor: Plain Annealed Copper(Class 5 & 6)

Fire resistant layer: Mica tape

Insulation: X-HF-110(Red, White, Blue, Black, Green/Yellow)

Sheath: HFS-110-TP (Red, Black)



Core x cross-section mm ²	Conductor diameter		mica tape layer*thickness no*mm	Nominal insulation thickness		Nominal sheath thickness mm	Approx. overall diameter mm	Approx. weight kg/km	Product code
	phase mm	earth mm		phase mm	earth mm				
4x1.5+1x1.5E	0.20	0.20	2*0.14	0.7	0.5	1.8	14.4	196	FR4C0015E
4x2.5+1x2.5E	0.20	0.20	2*0.14	0.7	0.6	1.8	15.7	257	FR4C0025E
4x4+1x2.5E	0.30	0.20	2*0.14	0.7	0.6	1.8	16.8	320	FR4C0040E
4x6+1x2.5E	0.30	0.20	2*0.14	0.7	0.6	1.8	18.0	401	FR4C0060E
4x10+1x4E	0.40	0.30	2*0.14	0.7	0.7	1.8	21.3	605	FR4C0100E
4x16+1x6E	0.40	0.30	2*0.14	0.7	0.7	1.8	24.0	860	FR4C0160E
4x25+1x6E	0.40	0.30	2*0.14	0.9	0.7	1.8	27.8	1216	FR4C0250E
4x35+1x10E	0.40	0.40	2*0.14	0.9	0.7	1.8	31.3	1660	FR4C0350E
4x50+1x16E	0.40	0.40	2*0.14	1.0	0.7	1.9	36.3	2350	FR4C0500E
4x70+1x25E	0.50	0.40	2*0.14	1.1	0.9	2.0	41.8	3286	FR4C0700E
4x95+1x25E	0.50	0.40	2*0.14	1.1	0.9	2.2	45.9	4188	FR4C0950E
4x120+1x35E	0.50	0.40	2*0.14	1.2	0.9	2.3	51.0	5334	FR4C1200E
4x150+1x50E	0.50	0.40	2*0.14	1.4	1.0	2.5	56.9	6711	FR4C1500E
4x185+1x70E	0.50	0.50	2*0.14	1.6	1.1	2.7	63.0	8288	FR4C1850E
4x240+1x95E	0.50	0.50	2*0.14	1.7	1.1	2.9	70.7	10877	FR4C2400E
4x300+1x120E	0.50	0.50	2*0.14	1.8	1.2	3.1	76.9	13465	FR4C3000E

Core x cross-section mm ²	Min. Bending Radius mm	Current Rating		Electrical Characteristics
		underground A	in the air A	Maximum DC Resistance 20°C Ω/km
4x1.5+1x1.5E	86	/	/	13.3
4x2.5+1x2.5E	94	37	26	7.98
4x4+1x2.5E	101	49	35	4.95
4x6+1x2.5E	108	61	45	3.3
4x10+1x4E	128	84	63	1.91
4x16+1x6E	144	107	81	1.21
4x25+1x6E	167	135	106	0.78
4x35+1x10E	188	165	131	0.554
4x50+1x16E	218	205	170	0.386
4x70+1x25E	251	248	213	0.272
4x95+1x25E	275	290	256	0.206
4x120+1x35E	306	336	302	0.161
4x150+1x50E	341	377	343	0.129
4x185+1x70E	378	420	391	0.106
4x240+1x95E	424	485	465	0.0801
4x300+1x120E	461	547	537	0.0641

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.