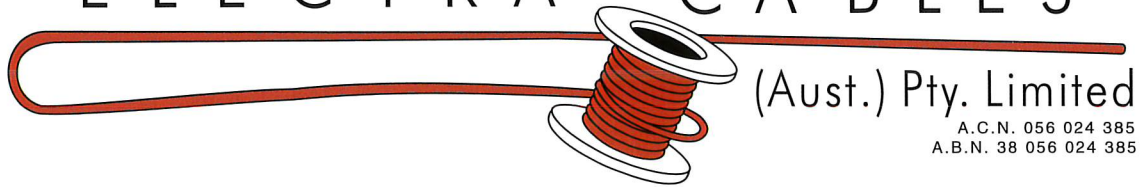


ELECTRA CABLES



(Aust.) Pty. Limited

A.C.N. 056 024 385
A.B.N. 38 056 024 385

110°C Fire Rated Cables--Multicore

0.6/1 kV CU/MICA/ X-HF-110/ HFS-110-TP



Application: Flexible multicore Halogen free, low smoke, low toxic and noncorrosive emission, flame retardant cable for mains, Submains and the fire protection industry. Independently tested AS/NZS 3013:1995-Category **WS52W**, IEC 60332-3 and BS6387.

Conductor: Plain annealed copper (Class 5 of IEC60228)

Fire resistant Barrier: Mica Glass Tape

Insulation: X-HF-110

Insulation colour:

2Cores+E: Red, Black, Green/Yellow

3Cores+E: Red, White, Blue, Green/Yellow

4Cores+E: Red, White, Blue, Black, Green/Yellow

Sheath: HFS-110-TP, Flame retardant

Sheath colour: Orange

Normal Operating Temperature: 110°C

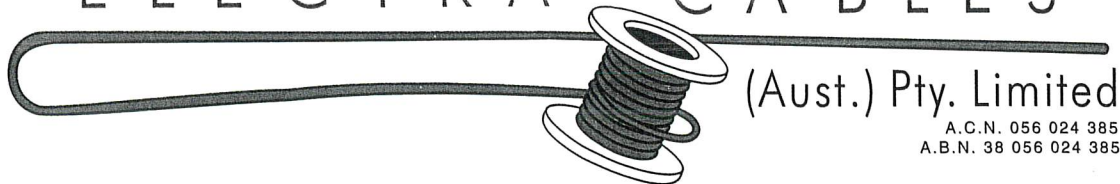
Cable Specification:

Electra Code	Conductor mm ²	Insulation Thickness mm	Sheath Thickness mm	OD ±10%	Min. Bending Radius mm	Short Circuit A for 1 sec	Voltage Drop@ 50Hz mV/Am	Current Rating (A)	Mass kg/km
FRC2015E	2×1.5+1.5	0.7,0.7E	1.8	12.4	250	181	36.8	23	175
FRC2025E	2×2.5+2.5	0.7,0.7E	1.8	13.5	270	330	20.1	33	224
FRC2040E	2×4+2.5	0.7,0.7E	1.8	14.2	285	528	12.5	44	261
FRC2060E	2×6+2.5	0.7,0.7E	1.8	15.1	305	792	8.35	56	310
FRC2100E	2×10+4	0.7,0.7E	1.8	16.8	340	1320	4.30	75	410
FRC2160E	2×16+6	0.7,0.7E	1.8	18.8	390	2112	2.70	98	560
FRC2250E	2×25+6	0.9,0.7E	1.8	22.5	450	3300	1.72	127	790
FRC2350E	2×35+10	0.9,0.7E	1.8	24.6	515	4600	1.24	158	1025
FRC2500E	2×50+16	1.0,0.7E	1.8	27.5	550	6600	0.924	192	1350
FRC2700E	2×70+25	1.1,0.9E	2.0	31.7	635	9240	0.650	246	1910
FRC2950E	2×95+25	1.1,0.9E	2.1	35.8	720	12540	0.481	298	2440
FRC21200E	2×120+35	1.2,0.9E	2.2	39.7	795	15840	0.392	346	3080



Note: Other types or other lengths of the above cables can be manufactured according to customers specifications.

ELECTRA CABLES



(Aust.) Pty. Limited

A.C.N. 056 024 385
A.B.N. 38 056 024 385

Electra Code	Conductor mm ²	Insulation Thickness mm	Sheath Thickness mm	OD ±10%	Min. Bending Radius mm	Short Circuit A for 1 sec	Voltage Drop@ 50Hz mV/Am	Current Rating (A)	Mass kg/km
FRC3015E	3×1.5+1.5	0.7,0.7E	1.8	13.4	270	181	36.8	23	211
FRC3025E	3×2.5+2.5	0.7,0.7E	1.8	14.6	295	330	20.1	33	272
FRC3040E	3×4+2.5	0.7,0.7E	1.8	15.7	315	528	12.5	44	332
FRC3060E	3×6+2.5	0.7,0.7E	1.8	16.7	335	792	8.35	56	402
FRC3100E	3×10+4	0.7,0.7E	1.8	18.6	375	1320	4.30	75	540
FRC3160E	3×16+6	0.7,0.7E	1.8	20.8	420	2112	2.70	98	750
FRC3250E	3×25+6	0.9,0.7E	1.8	24.2	485	3300	1.72	127	1080
FRC3350E	3×35+10	0.9,0.7E	1.8	26.7	535	4600	1.24	158	1410
FRC3500E	3×50+16	1.0,0.7E	1.9	30.2	605	6600	0.924	192	1865
FRC3700E	3×70+25	1.1,0.9E	2.0	35.3	710	9240	0.650	246	2630
FRC3950E	3×95+25	1.1,0.9E	2.1	38.8	780	12540	0.481	298	3380
FRC31200E	3×120+35	1.2,0.9E	2.2	43.0	860	15840	0.392	346	4270
FRC31500E	3×150+50	1.4,1.0E	2.4	47.8	960	19800	0.331	395	5300
FRC31850E	3×185+70	1.6,1.1E	2.6	53.7	1075	24420	0.280	450	6790
FRC32400E	3×240+95	1.7,1.1E	2.8	60.1	1205	31680	0.235	538	8710
FRC33000E	3×300+120	1.8,1.2E	3.0	66.6	1335	38600	0.208	582	10970
FRC4015E	4×1.5+1.5	0.7,0.7E	1.8	14.5	290	181	36.8	23	246
FRC4025E	4×2.5+2.5	0.7,0.7E	1.8	15.9	320	330	20.1	33	323
FRC4040E	4×4+2.5	0.7,0.7E	1.8	17.0	340	528	12.5	44	397
FRC4060E	4×6+2.5	0.7,0.7E	1.8	18.2	365	792	8.35	56	490
FRC4100E	4×10+4	0.7,0.7E	1.8	20.4	410	1320	4.30	75	665
FRC4160E	4×16+6	0.7,0.7E	1.8	22.9	460	2112	2.70	98	935
FRC4250E	4×25+6	0.9,0.7E	1.8	26.8	540	3300	1.72	127	1360
FRC4350E	4×35+10	0.9,0.7E	1.8	29.9	600	4600	1.24	158	1795
FRC4500E	4×50+16	1.0,0.7E	1.9	33.8	680	6600	0.924	192	2420
FRC4700E	4×70+25	1.1,0.9E	2.1	39.4	790	9240	0.650	246	3430
FRC4950E	4×95+25	1.1,0.9E	2.3	43.7	875	12540	0.481	298	4500
FRC41200E	4×120+35	1.2,0.9E	2.4	48.4	970	15840	0.392	346	5680
FRC41500E	4×150+50	1.4,1.0E	2.6	53.8	1080	19800	0.331	395	7010
FRC41850E	4×185+70	1.6,1.1E	2.8	60.3	1210	24420	0.280	450	8980
FRC42400E	4×240+95	1.7,1.1E	3.0	67.5	1350	31680	0.235	538	11500
FRC43000E	4×300+120	1.8,1.2E	3.3	74.9	1500	38600	0.208	582	14370



Note: Other types or other lengths of the above cables can be manufactured according to customers specifications.

Quality ISO 9001
Certified System