

ELECTRA CABLES



110°C Fire Rated Cables--Multicore 450/750 V 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 and certified to AS/NZS 3013:1995-Category **WS52W**, IEC 60332-3 and BS6387.

Conductor: Plain annealed copper (Class 2 of IEC60228)



Fire resistant Barrier: Mica Glass Tape **Insulation:** X-HF-110

Insulation colour: 2Cores: Red, White 3Cores: Red, White, Blue

4Cores: Red, White, Blue, Black

Sheath: HFS-110-TP, Flame retardant **Sheath colour:** Red with White stripe or Red

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
FRC2075	2×0.75	0.6	1.2	9.4	190	99	31.9	15	84
FRC2010	2×1.0	0.6	1.2	9.5	190	116	57.4	18	88
FRC2015	2×1.5	0.6	1.3	10.3	210	181	36.8	23	109
FRC2025	2×2.5	0.6	1.3	10.4	210	330	20.1	33	141
FRC2040	2×4	0.7	1.4	13.0	260	528	12.5	44	190
FRC2060	2×6	0.7	1.4	14.1	285	792	8.35	56	237
FRC3075	3×0.75	0.6	1.3	10.1	205	99	31.9	15	110
FRC3010	3×1.0	0.6	1.3	10.3	210	116	57.4	18	162
FRC3015	3×1.5	0.6	1.3	10.9	220	181	36.8	23	138
FRC3025	3×2.5	0.6	1.3	12.0	240	330	20.1	33	184
FRC3040	3×4	0.7	1.4	13.8	280	528	12.5	44	251
FRC3060	3×6	0.7	1.4	14.9	300	792	8.35	56	319
FRC4075	4×0.75	0.6	1.3	11.0	220	99	31.9	15	133
FRC4010	4×1.0	0.6	1.3	11.2	225	116	57.4	18	141
FRC4015	4×1.5	0.6	1.3	11.9	240	181	36.8	23	169
FRC4025	4×2.5	0.6	1.4	13.4	270	330	20.1	33	235
FRC4040	4×4	0.7	1.4	15.1	305	528	12.5	44	315
FRC4060	4×6	0.7	1.5	16.6	315	792	8.35	56	411

1) FRC2075, FRC2010, FRC2015, FRC4015 have stores.



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