

## Fire Rated 110° Single Core Flex – WS52W

**Application:** Flexible Low smoke, halogen free, low toxicity and non-corrosive emission, flame retardant cables for mains, submains, and the fire protection industry. 2 hour Fire Rating (WS52W).

**Conductor:** Plain Annealed Copper (Class 5 of IEC60228)

**Insulation:** X-HF-110

**Barrier:** Mica Glass Tape

**Sheath:** HFS-110-TP, Flame Retardant

**Standards:** Independently tested and accredited under AS/NZS 3013:2005, and AS/NZS 5000.1:2005 by an approved third-party independent accreditation body.  
Accreditation pertains to manufacture as per AS/NZS 3013:2005 – WS52W, IEC 60332-3, AS/NZS IEC 60332.3.24, AS/NZS IEC60332.3.25, EN ISO 4589-3, AS/NZS IEC60754-1 (Halogen Content), AS/NZS IEC60754-2 (Low Acidity - Low Corrosion), AS/NZS IEC61034.2 (Smoke Emission), BS6387, AS/NZS 1660.5.3, AS/NZS 1660.5.4, AS/NZS 1660.5.1, AS/NZS1660.5.2, AS/NZS /NZS 5000.1, AS/NZS 3808, AS/NZS 1125, AS/NZS 3808, IEC 60332-3-24, IEC 60332-3-25, IEC 60754-1, IEC 61034-2, ISO 4589-2, general to EN50288.

**Greenstar Certified:** Yes  
(Pathway 2 - as per the Green Building Council of Australia)

**V.C.A. Endorsed:** Yes  
(Vinyl Council of Australia)

**Warranted:** Yes

ELECTRA Part Number	SIZE	INSULATION Thickness	SHEATH Thickness	O.D.	MIN. BEND RADIUS	WEIGHT
FRF1100**	10	0.7	1.4	9.4	190	160.0
FRF1160**	16	0.7	1.4	10.5	210	225.0
FRF1250**	25	0.7	1.4	12.2	245	320.0
FRF1350**	35	0.9	1.4	13.5	270	425.0
FRF1500**	50	0.9	1.4	15.2	305	575.0
FRF1700**	70	1.0	1.5	17.5	350	790.0
FRF1950**	95	1.1	1.6	19.4	390	1015.0
FRF11200**	120	1.2	1.6	21.2	425	1270.0
FRF11500**	150	1.3	1.7	23.6	470	1575.0
FRF11850**	185	1.6	1.8	25.9	520	1905.0
FRF12400**	240	1.7	1.9	29.1	580	2475.0
FRF13000**	300	1.8	2.0	31.9	640	3050.0
FRF14000**	400	2.0	2.1	35.7	715	3900.0
FRF15000**	500	2.2	2.3	39.7	795	5025.0
FRF16300**	630	2.4	2.4	43.0	900	6590.0

\*Size = mm<sup>2</sup>, O.D. ± 10%, Insulation Thickness, Sheath Thickness, O.D. & Bend Radius = mm, Weight = kg/km

\*\* Please place "GY" here (Part Number) to indicate Earth (Green / Yellow).

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**SYDNEY**  
**(02) 8786 5200**

**MELBOURNE**  
**(03) 9706 6819**

**BRISBANE**  
**(07) 3386 9800**

**PERTH**  
**(08) 9454 2628**

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