

Fire Rated Cable

FR3013 Flexible Fire Rated Power Cable

Multicore

Construction:

Flexible bare copper class 5 fine wire stranding, glass mica tape, cross-linked, halogen free, flame-retardant compound type X-HF-110 acc. to AS/NZS 3808, red low smoke halogen-free type HSF-110TP metre marked sheath to AS/NZS 3808.

Bending Radius:

8 x cable diameter

Nominal Voltage:

600/1000V

Temperature Range:

-40°C - 110°C

Flame-retardant:

AS/NZS 1660.5.1; IEC 60332-3-22 Cat. A; IEC 60332-1

Cable circuit integrity:

AS/NZS 1660.5.5; IEC 60331; BS 6387, Cat. C.W.Z

Wiring system circuit integrity:

AS/NZS 3013, Cat. WS52W

Smoke density:

AS/NZS 1660.5.2; IEC 61034-2

Halogen acid gas content:

AS/NZS 1660.5.3, IEC 60754-1

Gases evolved during combustion:

AS/NZS 1660.5.4, IEC 60754-2

Features, Rating and Approvals:

- Flexibility for easy installation
- REACH and RoHS compliant
- Halogen free acc. to IEC 60754-1
- UV-resistant

Core Colour Coding:

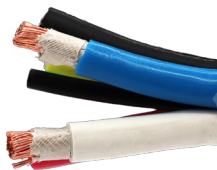
- Single cores : Natural
- 2 core + earth : Red, Black, Green/Yellow
- 4 core + earth : Red, White, Blue, Black, Green/Yellow

Outer Sheath Colour:

Red

Installation Guidance

It is the responsibility of the installing contractor to ensure FR cables are installed in accordance with the relevant standards and regulations for fire rated areas.



RALOS AS/NZS3013(WS52W) FR1X150R 1 X 150MM² CU X-HF-110 ELECTRIC CABLE 0.6/1KV

Type	Cores x CSA	Conductor Dia-meter	Insulation Thickness	Outer Sheath Thickness	Overall Diameter	Approx Weight	20 Max. D.C Conductor Resistance
Part No.	mm ²	mm	mm	mm	mm	kg/km	Ω/km
FR3G2.5R	2C2.5+E2.5	2.0	0.7	1.8	14.4	331	7.98
		2.0	0.7				7.98
FR5G2.5R	4C2.5+E2.5	2.0	0.7	1.8	17.1	446	7.98
		2.0	0.7				7.98
FR5G4R	4C4.0+E2.5	2.6	0.7	1.8	18.7	542	4.95
		2.0	0.7				7.98
FR5G6R	4C6.0+E2.5	3.2	0.7	1.8	20.4	670	3.3
		2.0	0.7				7.98
FR5G10R	4C10+E4.0	4.3	0.7	1.8	23.0	912	1.91
		2.6	0.7				4.95
FR5G16R	4C16+E6.0	5.4	0.7	1.8	25.9	1244	1.21
		3.2	0.7				3.3
FR5G25R	4C25+E6.0	6.7	0.9	1.8	29.9	1765	0.78
		3.2	0.7				3.3
FR5G35R	4C35+E10	7.9	0.9	1.8	33.0	2347	0.554
		4.3	0.7				1.91