

810003015	<b>PRODUCT DATA SHEET</b>	
Valid from: 09.JAN.2026	<b>FIRE 3013 MC 0.6/1kV</b>	

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### 1. Reference Standard(s)

AS/NZS 5000.1, AS/NZS 3013

### 2. Cable Construction

- 2.1. Conductor : Bare copper wire according to IEC 60228 Class 5
- 2.2. Fire resistance Layer : MGT
- 2.3. Insulation : X-HF-110
- 2.4. Core Colour : 3 Core: Red, Black, Green/Yellow  
4 Core: Red, Blue, White, Green/Yellow  
5 Core: Red, Blue, White, Black, Green/Yellow  
>5 Core: White cores with black numbers
- 2.5. Laying up : Cores stranded in layers with optimal lay-length, PET tape
- 2.6. Outer Sheath : HFS-110-TP
- 2.7. Sheath Colour : Red, RAL 3000

### 3. Technical Data

- 3.1. Rated Voltage : 600/1000V
- 3.2. Test Voltage : AC 3500V/5min
- 3.3. Temperature Range : -25°C to +110°C
- 3.4. Min. Insulation Resistance : 1000MΩ·km @ 20°C
- 3.5. Min. Bending Radius : 8D
- 3.6. Flame Retardant : IEC 60332-3-24
- 3.7. Fire Retardant : WS52W

### 4. Dimensional Data

Part No.	No. of core(s) and conductor cross-section mm <sup>2</sup>	Nominal Insulation thickness mm	Nominal Sheath thickness mm	Outer Diameter mm ± 10%	Conductor resistance at 20°C Ω/KM	Approx. Net Weight of Cable Kg/Km
810003015	3G1.5	0.7	1.8	13.8	13.3	275
810003016	4G1.5	0.7	1.8	15.1	13.3	331
810003017	5G1.5	0.7	1.8	16.4	13.3	394
810003040	6x1.5	0.7	1.8	17.8	13.3	466
810003018	7G1.5	0.7	1.8	17.8	13.3	482
810003041	10x1.5	0.7	1.8	22.5	13.3	749
810003019	12G1.5	0.7	1.8	23.2	13.3	819
810003020	18G1.5	0.7	1.8	27.1	13.3	1145
810003021	3G2.5	0.7	1.8	14.9	7.98	334
810003022	4G2.5	0.7	1.8	16.2	7.98	405
810003023	5G2.5	0.7	1.8	17.7	7.98	485
810003024	2X4 +1X2.5	0.7	1.8	15.7	4.95	387
		0.7			7.98	
810003025	4G4	0.7	1.8	17.6	4.95	506
810003026	4X4 +1X2.5	0.7	1.8	18.9	4.95	584
		0.7			7.98	
810003027	2X6 +1X2.5	0.7	1.8	16.6	3.3	450
		0.7			7.98	
810003028	4G6	0.7	1.8	19.0	3.3	629
810003029	4X6 +1X2.5	0.7	1.8	20.2	3.3	704
		0.7			7.98	
810003030	4G10	0.7	1.8	21.5	1.91	867

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ref.: INQ10351

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810003031	4X10 + 1X4	0.7	1.8	22.8	1.91	963
		0.7			4.95	
810003032	4G16	0.7	1.8	24.2	1.21	1194
810003033	4X16 + 1X6	0.7	1.8	25.5	1.21	1314
		0.7			3.3	
810003034	4G25	0.9	1.8	28.5	0.78	1735
810003035	4X25 + 1X6	0.9	1.8	29.3	0.78	1835
		0.7			3.3	
810003036	4X35 + 1X10	0.9	1.9	32.8	0.554	2418
		0.7			1.91	
810003037	4X50 + 1X16	1	2	37.4	0.386	3302
		0.7			1.21	
810003038	4X70 + 1X25	1.1	2.1	43.0	0.272	4495
		0.9			0.78	
810003039	4X95 + 1X25	1.1	2.3	47.2	0.206	5699
		0.9			0.78	

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