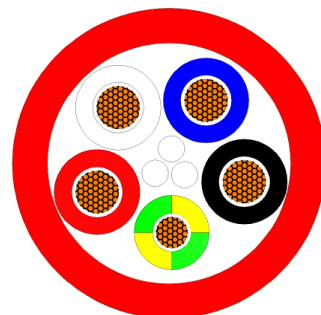




## 4C+E X-HF-110 Insulated Fire Rated Cables 0.6/1kV, Flexible Cu, LSZH, 110°C



Note: The above drawing is for representation purpose only.

### Description

Conductor:  
Fire Barrier:  
Insulation:  
Sheath:

Class 5 Flexible Plain Annealed Copper  
Mica Tape  
Low Smoke Zero Halogen X-HF-110  
Low Smoke Zero Halogen HFS-110-TP

### Core Identification

Red, White, Blue, Black, Green/Yellow

### Sheath Colour

Red

### Technical Data

Voltage Rating:  
Operating Temperature:  
Short Circuit Temperature:

0.6/1kV  
-40°C to +110°C  
250°C for 5 sec

### Standards Compliance

AS/NZS 3013 (WS52W)  
AS/NZS 1125  
AS/NZS 1660

AS/NZS 5000.1  
AS/NZS 3808

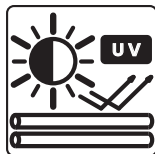
### Characteristics



FIRE RATED



FLAME RETARDANT



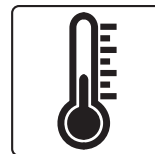
UV RESISTANT



LOW SMOKE



HALOGEN FREE



-40°C ~ +110°C



FLEXIBLE

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## 4C+E X-HF-110 Insulated Fire Rated Cables 0.6/1kV, Flexible Cu, LSZH, 110°C

### Physical & Electrical Characteristics

WWC Product Code	Conductor Size (mm <sup>2</sup> )	Conductor Diameter (mm)	Insulation Thickness (mm)	Earth Conductor Size (mm <sup>2</sup> )	Approx. Overall Diameter (mm)	Min. Bending Radius (mm)		Approx. Weight (kg/km)
						During Installation	After Installation	
1504HFSMICA-FLEX	4	2.5	0.7	2.5	17.4	191	153	463
1506HFSMICA-FLEX	6	3.1	0.7	2.5	18.6	205	164	567
1510HFSMICA-FLEX	10	4.4	0.7	4	21.6	238	190	787
1516HFSMICA-FLEX	16	5.44	0.7	6	24.3	267	214	1105
1525HFSMICA-FLEX	25	6.88	0.9	6	28.4	312	250	1559
1535HFSMICA-FLEX	35	8.59	0.9	10	33.0	363	290	2101
1550HFSMICA-FLEX	50	10.38	1.0	16	38.3	421	337	2893

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Conductor Size (mm <sup>2</sup> )	†Current-carrying capacity (A)			Maximum D.C. Resistance of conductor at 20°C (Ω/km)	Reactance at 50Hz (Ω/km)
	In Air Touching	In Air Enclosed	In Ground Enclosed		
4	42	36	41	4.95	0.0911
6	54	46	51	3.30	0.0871
10	75	65	71	1.91	0.0810
16	99	84	91	1.21	0.0779
25	131	112	118	0.780	0.0783
35	162	137	143	0.554	0.0761
50	204	175	178	0.386	0.0754

†Based on ambient air temperature of 40°C, soil temperature of 25°C, burial depth of 0.5m and soil thermal resistivity of 1.2K.m/W.

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