

Panel Flex - LSZH

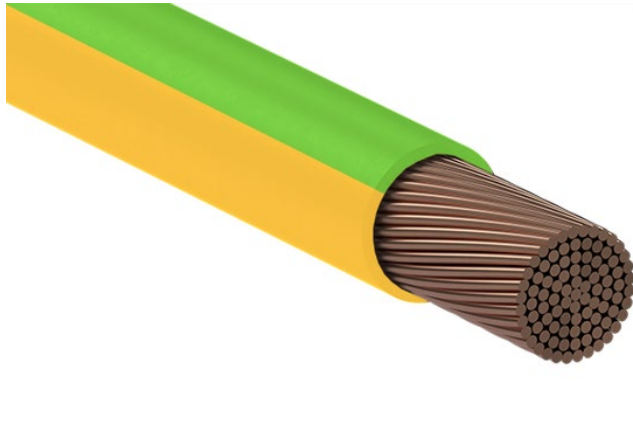
Product Description

Single Core Flexible Voltage Rated at 0.6/1kV, X-HF-110 Low Smoke Zero Halogen Insulated to Australian Standards AS/NZS 5000.1. Designed for the wiring of Switchboards, Instrumentation and Control Systems, also use as earth cables for mains and sub-mains.

Specifications

Conductor	
Material:	Flexible plain or tinned annealed copper
Stranding:	Class 5 Tinned Annealed Copper: Up to 6mm ² , Class 6 Plain Annealed Copper: 10mm ² & above
Insulation	
Material:	X-HF-110, 125°C Irradiation Cross-linked Polyolefin, Flame Retardant, Cross-linked, Thermoset, Low Smoke Zero Halogen, Splash Resistant to sea water, oil, petrol, skydrol and acid. UV and Ozone Resistant. 125°C max operating temperature tested to UL1581.
Operating Temperature:	-40°C - 125°C
Voltage Rating	0.6/1kV
Colour(s):	As ordered – Earth (0), Black (1), Blue (2), Brown (3), Red (4), White (5), Grey (6), Orange (7), Purple (8), Pink (9), Blue/Red Stripe (2/4), Blue/White Stripe (2/5), Brown/Red Stripe (3/4), Brown/White Stripe (3/5)
Standards:	AS/NZS 5000.1 AS/NZS 3808 AS/NZS 1125 AS/NZS 1660.1 AS/NZS 1660.2.1 AS/NZS 1660.2.2 AS/NZS 1660.2.3 AS/NZS 1660.3 AS/NZS 1660.5.6 AS/NZS 1660.5.4 AS/NZS 1660.2.2 AS/NZS 3008.1
SAA Certificates:	SAA241737, SAA241738
Packaging	Plastic Reel – 100mtr 0.5 mm ² – 6.0mm ² conductor Timber Drum – 100mtr 10mm ² - 35mm ² conductor, 500mtr 50mm ² and above Cable can be cut to length* from 10mm ² conductor upwards

Product Image



Product Details

Part No.	Nom. Area mm ²	Nom. Conductor O.D. mm	Nom. Cable O.D. mm	Current Rating * A	Approx Mass kg/km	Min. Bending Radius mm
PW0005	0.5	0.9	2.5	13	11	10.0
PW0007	0.75	1.1	2.6	16	14	10.4
PW0010	1.0	1.3	2.8	21	16	11.2
PW0015	1.5	1.5	3.0	26	22	12.0
PW0025	2.5	2.1	3.6	34	32	14.4
PW0040	4.0	2.5	4.0	45	45	16.0
PW0060	6.0	3.1	4.6	57	65	18.4
PW0100	10	4.0	5.5	80	104	22.0
PW0160	16	5.0	6.5	105	158	26.0
PW0250	25	7.0	9.0	139	253	36.0
PW0350	35	8.0	10.0	172	342	40.0
PW0500	50	10.0	12.2	217	486	48.8
PW0700	70	12.0	14.4	273	675	57.6
PW0950	95	14.0	16.4	329	900	65.6
PW1200	120	16.0	18.6	390	1135	74.4

* Current ratings are based on 40°C ambient temperature in free air, unenclosed touching. For other installation methods, please refer to AS/NZS 3008.1.



Subject to change without notice