PRODUCT DATA SHEET

Flexible LSZH Earth Cable (Contains No PVC)

FEATURES

- ✓ 110°C continuous operation
- ✓ AS/NZS 3000:2007
- ✓ AS/NZS 5000.1
- ✓ AS/NZS 1125
- ✓ RCM Certified
- ✓ Flame retardant
- ✓ Flexible Class 6 conductors (10mm and above)
- ✓ Low smoke zero halogen (PVC Free) Third Party Accredited

PRODUCT DESCRIPTION

FireSense LSZH Earth Cables are constructed from the highest quality cross linked polymers available and are designed to be easy to install, strip and terminate.

FireSense cables are manufactured using 100% pure annealed Class 6 conductors for ease of stripping and termination while achieving the highest possible electrical performance.

All FireSense LSZH Earth cables are made from LSZH materials and have received third party PVC Free Certification from GECA (Good Environmental Choice Australia).

ORDERING INFORMATION

Part Number	No. of Cores	Cross Section of Conductors (mm^2)	Conductor Class	Approx Overall Diameter (mm)
LSZH-2.50-1CE*	1	2.5	Class 2	3.5
LSZH-4.00-1CE*	1	4	Class 2	4.0
LSZH-6.00-1CE	1	6	Class 2	4.6
LSZH-10-1CE	1	10	Class 6	6.1
LSZH-16-1CE	1	16	Class 6	8.0
LSZH-25-1CE	1	25	Class 6	9.5
LSZH-35-1CE	1	35	Class 6	11.0
LSZH-50-1CE	1	50	Class 6	12.0
LSZH-70-1CE	1	70	Class 6	14.0
LSZH-95-1CE	1	95	Class 6	18.0
LSZH-120-1CE	1	120	Class 6	19.0

**Indent item only - lead times may apply.*

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TECHNICAL SPECIFICATIONS

Conductors	Stranded Annealed Copper
Insulation	Flame Retardant, Low Smoke, Zero Halogen (X-HF-110)
Voltage Rating	0.6/1kV
Operating Temperature	-25^0 to +110^{0}C
Sheath Colour	Green and Yellow

STANDARDS COMPLIANCE

Conductors & Insulation	AS/NZS 1125, AS/NZS 3808, AS/NZS 1660.1, 1660.2, 1660.3, 1660.4
Cable Construction	AS/NZS 5000.1, AS/NZS 3000:2007
Vertical Flame Spread	AS/NZS 1660.5.1 (Section 6, Category C, AS/NZS 60332-3-24)
Smoke Density	AS/NZS 1660.5.2, AS/NZS IEC 61034
Halogen Gas	AS/NZS 1660.5.3, AS/NZS IEC 60754-1
Acidity of Gases	AS/NZS 1660.5.4, AS/NZS IEC 60754-2
Vertical Flame Propagation	AS/NZS 1660.5.6, AS/NZS IEC 60332-1

APPROVALS & CERTIFICATION

Part Number	AS/NZS 5000.1	
	Certificate No.	Issuer
LSZH-2.5-1CE	GMA-511153	Global Mark Pty Ltd.
LSZH-4-1CE	GMA-511153	Global Mark Pty Ltd.
LSZH-6-1CE	GMA-511153	Global Mark Pty Ltd.
LSZH-10-1CE	GMA-511153	Global Mark Pty Ltd.
LSZH-16-1CE	GMA-511153	Global Mark Pty Ltd.
LSZH-25-1CE	GMA-511153	Global Mark Pty Ltd.
LSZH-35-1CE	GMA-511153	Global Mark Pty Ltd.
LSZH-50-1CE	GMA-511153	Global Mark Pty Ltd.
LSZH-70-1CE	GMA-511153	Global Mark Pty Ltd.
LSZH-95-1CE	GMA-511153	Global Mark Pty Ltd.
LSZH-120-1CE	GMA-511153	Global Mark Pty Ltd.

RCM Responsible Supplier	E6560	Level 3	GMA-511153
GECA Claims Authentication License Number	Fir-2021		
Bureau Veritas CoC Number	2835		

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