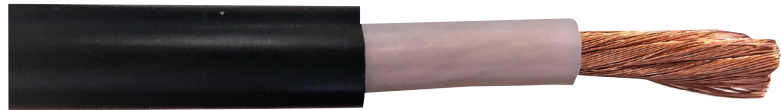


# SINGLE CORE DOUBLE INSULATED RUBBER FLEXIBLE LSZH X-HF-110°C CABLE 0.6/1KV

Single, Double Insulated  
Flexible 0.6/1kV  
X-HF-110 Rubber  
Low Smoke Zero Halogen



## CABLE CONSTRUCTION

- 1. Conductors:** Conductors of extra fine bare annealed copper wires to International Standards to ensure maximum flexibility Class 5 & 6.
- 2. Insulation:** X-HF-110 flexible insulation for conductor temperature of 110°C.
- 3. Sheath:** Low Smoke Zero Halogen HFS-110-TP thermosetting compound.
- 4. UV resistant and flame retardant.**
- 5. Splash resistant to Oil, Chemical, Heat, Weather, Abrasion & Ozone Resistant.**

## TEMPERATURE RANGE

- 40 to 110°C static
- 25 to 90° flexing

## CURRENT RATING

Based on Table 9 of AS/NZS 3008

## RATED VOLTAGE

0.6/1kV

## RELEVANT STANDARDS

AS/NZS 1125 IEC 60332-1 AS/NZS 5000.1 AS/NZS 3808

## MAXIMUM CONDUCTOR TEMPERATURE

110°C

## BENDING RADIUS

5 X Cable Diameter after installed,  
7 X Cable Diameter during installing.

## TYPICAL USES

**Power:** Switchboards, flexible droppers from busbars, transformers, load banks, or other equipment requiring fixed installation wiring.

**Automotive:** Battery leads, battery chargers, electric forklifts etc.

**Welding:** Earth and electrode leads.

The materials used in the manufacture of these cables are RoHS Compliant.

## AVAILABLE COLOUR

Orange, Black, Red, Blue  
Insulation: White

## TECHNICAL DATA

Part Number	Size mm <sup>2</sup>	Nom. Stranding No./mm	Insulation Thickness mm	Nom. Sheath Thickness mm	Nom. O.D. mm	Conductor resistance @20°CΩ/km	Nom. Amps 40°C Spaced	Approx. Cable Weight Kg/Km	Max. Conductor Pulling tension kN
AR110/0060R	6.0	176/0.20	0.8	1.4	7.8	3.3	70	97	0.42
AR110/0100R	10	294/0.20	0.8	1.4	8.7	1.91	99	138	0.7
AR110/0160R	16	470/0.20	0.9	1.4	10.1	1.21	130	202	1.12
AR110/0250R	25	726/0.20	1.0	1.4	11.7	0.78	173	293	1.75
AR110/0350R	35	1040/0.20	1.0	1.4	12.9	0.554	214	390	2.45
AR110/0500R	50	1499/0.20	1.1	1.4	14.9	0.386	270	535	3.5
AR110/0700R	70	2165/0.20	1.2	1.4	17.1	0.272	340	725	4.9
AR110/0950R	95	2745/0.20	1.2	1.5	18.8	0.206	410	870	6.65
AR110/1200R	120	1544/0.30	1.4	1.5	20.7	0.161	487	1205	8.4
AR110/1500R	150	1961/0.30	1.6	1.7	23.2	0.129	562	1500	10.5
AR110/1850R	185	2331/0.30	1.8	1.7	25.6	0.106	644	1840	12.95
AR110/2400R	240	3172/0.30	2.0	1.9	29.9	0.0801	775	2350	16.8
AR110/3000R	300	3965/0.30	2.1	2.0	31.8	0.0641	895	2915	21
AR110/4000R	400	5246/0.30	2.4	2.0	36.2	0.0486	1079	3817	28
AR110/5000R	500	6588/0.30	2.6	2.1	40.0	0.0384	1260	4805	35
AR110/6300R	630	8736/0.30	2.8	2.2	45.1	0.0287	1493	6589	44.1