

Single Core Double Insulated Flexible Cable LSZH X-HF-110 0.6/1kV



Note: The above drawing is for representation purpose only.

Description

Conductor:	Class 5 & 6 Plain Annealed Copper
Insulation:	X-HF-110 flexible insulation
Sheath:	Low Smoke Zero Halogen HFS-110-TP thermosetting compound.

Core identification

Natural

Sheath Colour

Orange (Available colours: Black, Red, Blue)

Technical Data

Rated Voltage:	0.6/1kV
Operating Temperature:	-40°C to 110°C static -25°C to 90° flexing

Standards Compliance

AS/NZS 1125	IEC60332-1
AS/NZS 3808	AS/NZS5000.1

Characteristics

Flame Retarant	Oil Resistant
UV Stablised	Heat & Weather Resistant
Extra Flexible	

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Physical & Electrical Characteristics

AKY Code	Conductor Size (mm ²)	Conductor Diameter (mm)	Insulation Thickness (mm)	Approx. Overall Diameter (mm)	Maximum D.C. Resistance of conductor at 20°C (Ω/km)	Approx. Weight (kg/km)
AS1006	6.0	3.5	0.7	7.6	3.3	109
AS1010	10	4.4	0.7	8.5	1.91	141
AS1016	16	5.4	0.7	9.6	1.21	210
AS1025	25	6.9	0.9	11.5	0.78	307
AS1035	35	8.2	0.9	12.7	0.554	410
AS1050	50	9.8	1.0	14.7	0.386	560
AS1070	70	11.7	1.1	16.9	0.272	755
AS1095	95	13.5	1.1	18.8	0.206	970
AS1120	120	14.9	1.2	20.4	0.161	1218
AS1150	150	16.4	1.4	22.6	0.129	1520
AS1185	185	18.3	1.6	25.2	0.106	1820
AS1240	240	20.9	1.7	29.1	0.0801	2410
AS1300	300	23.2	1.8	31.0	0.0641	3010
AS1400	400	28.5	2.0	35.4	0.0486	3925
AS1500	500	32.2	2.2	39.2	0.0384	4914
AS1630	630	35.2	2.4	44.3	0.0287	6223

Tolerance of Cable Overall Diameter will be $\pm 10\%$ if customer has no special requirement.

Note: Ask for help if the cable size you need not on the list.

Bending Radius

5 x Cable Diameter after installed

7 x Cable Diameter during installing.

The information in this specification is to be used as a reference only. AKY Cable has already taken all due care to ensure accurate information in this specification but accepts no liability for errors or omissions. AKY Cable reserves the right to modify the specification at any time.