



# Flexible 110° - Low Smoke - Halogen Free

# X-HF-110 LSZH - Tinned Switchboard Flex

### CONSTRUCTION

#### Conductors

- » Tinned Copper Conductors
- » Super Flexible Class 6 Stranding

#### Insulation

- » Black: R-E-110
- » Earth: X-HF-110

#### Outer Sheath

- » Black: E-110-R (Flexible Rubber)

#### Colour Of Outer Sheath

- » Black or Green/Yellow
- » UV Resistant

#### Application

- » Switchboards and transformers
- » Mains power distribution
- » Portable power feeds
- » Flexible copper tails
- » Other industrial applications
- » LSZH installations

### FEATURES, RATINGS & APPROVALS

#### Temperature Range

- » Black: -25°C to 110°C
- » Earth: -40°C to 110°C

#### Voltage Rating

- » 600/1000V

#### Features

- » Halogen free
- » Low Smoke
- » Heat resistance
- » Oil and chemical resistant
- » Flame retardant
- » UV and weather resistant

#### Standards

- » AS/NZS 5000.1
- » AS/NZS 3808
- » AS/NZS 3008
- » AS/NZS 1660.5.2, 1660.5.3
- » IEC 60228
- » IEC 61034-2
- » IEC 60754-2
- » IEC 60332-1

#### Minimum Bending Radius

- » 5 x cable OD

Item No.	Conductor	Cable OD
<b>110 LSZH - Single Cores</b>		
TF-G-012568-BK-SN	10mm	9.0mm
TF-G-012569-BK-SN	16mm	10.3mm
TF-G-012570-BK-SN	25mm	11.9mm
TF-G-012571-BK-SN	35mm	13.3mm
TF-G-022907-BK-SN	50mm	15.0mm
TF-G-012573-BK-SN	70mm	17.1mm
TF-G-012574-BK-SN	95mm	19.5mm
TF-G-012575-BK-SN	120mm	21.5mm
TF-G-012576-BK-SN	150mm	23.9mm
TF-G-012577-BK-SN	185mm	26.5mm
TF-G-012579-BK-SN	240mm	29.3mm
TF-G-012581-BK-SN	300mm	32.4mm
<b>EARTH - Green Yellow</b>		
TF-G-136326	10mm	6.0mm
TF-G-136327	16mm	7.0mm
TF-G-136318	25mm	8.0mm
TF-G-136329	35mm	9.0mm
TF-G-136331	50mm	11.0mm
TF-G-136335	70mm	13.0mm
TF-G-136336	95mm	15.0mm
TF-G-136355	120mm	16.0mm

### CURRENT RATINGS FOR 110 LSZH - SWITCHBOARD FLEX

Conductor	Unenclosed				Enclosed				Underground	
	Spaced	Spaced	Touching	Touching	Exposed to sunlight	Exposed to sunlight	In Conduit in air	In Conduit in air	Buried in Conduit	Buried in Conduit
mm2	2	3	2	3	2	3	2	3	2	3
10	109	106	86	86	72	72	82	75	91	81
16	144	139	112	112	94	94	109	97	119	103
25	190	185	149	149	124	124	142	129	152	133
35	236	229	184	184	153	153	179	158	187	160
50	299	289	233	232	192	192	221	203	228	199
70	376	364	292	292	240	240	281	250	282	243
95	452	439	352	352	288	288	334	296	331	284
120	535	521	417	417	340	339	389	354	381	335
150	617	601	482	482	392	391	456	404	439	378
185	706	689	552	552	447	446	515	469	492	428
240	850	829	664	663	535	534	624	576	581	510
300	980	958	766	764	615	612		655	669	575
400	1182	1155	920	915	735	730		810	778	687
500	1380	1348	1069	1059	850	841		924	906	773
630	1636	1598	1250	1235	990	977		1064	1036	878



ECS

SWITCHBOARD FLEX