



# Doncaster Cables

## SWA LSNH (H694-XL LNSH)

CU / XLPE / LSNH / SWA / LSNH



Manufactured to BS 6724 Table 6 (2 Core) Table 8 (3 Core) Table 10 (4 Core) Table 13 (5 Core)

Plain Annealed Copper Conductor / XLPE Insulated / LSNH Bedded / Galvanised Steel Wire Armour / LSNH Sheathed. 600/1000V

<b>Conductor:</b>	Plain Annealed Copper Class 2 Stranded to BS EN 60228
<b>Insulation:</b>	Thermosetting XLPE Type GP8 to BS 7655-1.3
<b>Bedding:</b>	Compatible LSNH Polymeric Material (LSNH)
<b>Steel Wire Armour</b>	Galvanised Steel Wire
<b>Sheathing:</b>	LSNH Type LTS1 to BS 7655-6.1
<b>Current Ratings:</b>	For current ratings refer to table 4E4A of BS7671 IET Wiring Regulations.

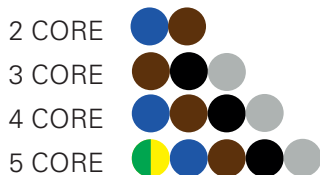
These cables are designed to be used in installations where smoke and acid gas emission would pose a major hazard in the event of a fire.

Steel Wire Armoured cables are predominantly used for industrial wiring and mains distribution.

They are designed to be used in industrial areas , in and around buildings and other similar environments.

These cables are designed to be installed in air, clipped to surface, on cable tray/ladder work, embedded in concrete and buried direct or in ducting underground

### STANDARD CORE COLOURS



The British Cable Company You Can Trust



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## Dimensional Details:

Product Code	Number and Nominal Cross Sectional Area of Conductors (mm <sup>2</sup> )	Nominal Stranding of Conductor (mm)	Nominal Thickness of Insulation (mm)	Nominal Thickness of Extruded Bedding (mm)	Nominal Steel Armour Wire Diameter (mm)	Nominal Thickness of Oversheath (mm)	Approximate Overall Diameter (mm)	Approximate Weight (kg/km)	Recommended Gland Size
H6942XL1.5LSNH	2 x 1.5	7/0.53	0.6	0.8	0.9	1.3	11.0	240	20S
H6942XL2.5LSNH	2 x 2.5	7/0.67	0.7	0.8	0.9	1.4	12.6	260	20S
H6942XL4.0LSNH	2 x 4.0	7/0.85	0.7	0.8	0.9	1.4	13.4	340	20S
H6942XL6.0LSNH	2 x 6.0	7/1.04	0.7	0.8	0.9	1.4	13.7	400	20S
H6942XL710LSNH	2 x 10.0	7/1.35	0.7	0.8	0.9	1.5	16.4	620	20
H6942XL716LSNH	2 x 16.0	7/1.70	0.7	0.8	1.25	1.5	20.0	780	25
H6942XL725LSNH	2 x 25.0	7/2.14	0.9	0.8	1.25	1.6	23.8	1000	25
H6942XL735LSNH	2 x 35.0	7/2.52	0.9	1.0	1.6	1.7	27.7	1350	32
H6942XL750LSNH	2 x 50.0	COMPACTED	1.0	1.0	1.6	1.8	25.8	1700	25
H6943XL1.5LSNH	3 x 1.5	7/0.53	0.6	0.8	0.9	1.3	11.9	260	20S
H6943XL2.5LSNH	3 x 2.5	7/0.67	0.7	0.8	0.9	1.4	12.6	320	20S
H6943XL4.0LSNH	3 x 4.0	7/0.85	0.7	0.8	0.9	1.4	13.6	440	20S
H6943XL6.0LSNH	3 x 6.0	7/1.04	0.7	0.8	0.9	1.4	14.9	610	20
H6943XL710LSNH	3 x 10.0	7/1.35	0.7	0.8	1.25	1.5	18.3	840	20
H6943XL716LSNH	3 x 16.0	7/1.70	0.7	0.8	1.25	1.6	20.4	1075	25
H6943XL725LSNH	3 x 25.0	7/2.14	0.9	1.0	1.6	1.7	25.2	1450	32
H6943XL735LSNH	3 x 35.0	7/2.52	0.9	1.0	1.6	1.8	28.8	1850	32
H6943XL750LSNH	3 x 50.0	COMPACTED	1.0	1.0	1.6	1.8	28.5	2300	32
H6943XL770LSNH	3 x 70.0	COMPACTED	1.1	1.0	1.6	1.9	32.2	3125	32
H6943XL795LSNH	3 x 95.0	COMPACTED	1.1	1.2	2.0	2.1	37.0	4250	40

Weight and dimensional information is provided as an approximate guide only.

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H6944XL1.5LSNH	4 x 1.5	7/0.53	0.6	0.8	0.9	1.3	12.1	290	20S
H6944XL2.5LSNH	4 x 2.5	7/0.67	0.7	0.8	0.9	1.4	13.5	370	20S
H6944XL4.0LSNH	4 x 4.0	7/0.85	0.7	0.8	0.9	1.4	14.7	590	20
H6944XL6.0LSNH	4 x 6.0	7/1.04	0.7	0.8	1.25	1.5	16.6	680	20
H6944XL710LSNH	4 x 10.0	7/1.35	0.7	0.8	1.25	1.5	20.5	960	25
H6944XL716LSNH	4 x 16.0	7/1.70	0.7	0.8	1.25	1.6	22.8	1400	25
H6944XL725LSNH	4 x 25.0	7/2.14	0.9	1.0	1.6	1.7	27.8	1900	32
H6944XL735LSNH	4 x 35.0	7/2.52	0.9	1.0	1.6	1.8	31.0	2400	32
H6944XL750LSNH	4 x 50.0	COMPACTED	1.0	1.0	1.6	1.9	32.0	2775	32
H6944XL770LSNH	4 x 70.0	COMPACTED	1.1	1.2	2.0	2.1	37.7	4050	40
H6944XL795LSNH	4 x 95.0	COMPACTED	1.1	1.2	2.0	2.2	41.7	5300	50
H6944XL8120LSNH	4 x 120.0	COMPACTED	1.2	1.4	2.5	2.3	47.1	6950	50
H6944XL8150LSNH	4 x 150.0	COMPACTED	1.4	1.4	2.5	2.4	51.4	8275	50
H6944XL8185LSNH	4 x 185.0	COMPACTED	1.6	1.4	2.5	2.6	56.6	10025	63
H6944XL8240LSNH	4 x 240.0	COMPACTED	1.7	1.6	2.5	2.7	63.0	12625	63
H6944XL8300LSNH	4 x 300.0	COMPACTED	1.8	1.6	2.5	2.9	68.8	15323	75
H6944XL8400LSNH	4 x 400.0	COMPACTED	2.0	1.8	3.15	3.2	78.1	21850	75
H6945XLI.5LSNH	5 x 1.5	7/0.53	0.6	0.8	0.9	1.4	12.8	433	20S
H6945XL2.5LSNH	5 x 2.5	7/0.67	0.7	0.8	0.9	1.4	14.5	530	20S
H6945XL4.0LSNH	5 x 4.0	7/0.85	0.7	0.8	0.9	1.5	16.8	775	20

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