



Doncaster Cables

6241B / H6242B / H6243B

XLPE Insulated and LSNH Sheathed Flat Cables With Bare CPC



Manufactured to BS 7211 Table 5

Plain Annealed Copper Conductor / XLPE Insulated / LSNH Sheathed with bare Circuit Protective Conductor. 300/500V.

- Conductor:** Plain Annealed Copper Class 1 or 2 to BS EN 60228
- Insulation:** Thermosetting XLPE Type GP8 to BS 7655-1.3
- Sheath:** Thermoplastic LSNH Type LTS 2 to BS 7655-6.1
- Current Ratings:** For current ratings refer to table 4E2 of BS7671 IEE 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.

Designed for use in light industrial and domestic wiring. These cables are intended for fixed installation in dry or damp premises.

These cables can be installed in conduit, in cable trunking and in cable ducting or where there is deemed little risk of mechanical damage these cables can be clipped direct, on cable tray, embedded or in free air. These cables are not intended to be laid underground.

STANDARD CORE COLOURS

- 1 CORE  or 
- 2 CORE  
- 3 CORE   



The British Cable Company You Can Trust



Sales Office: Millfield Industrial Estate, Arksey Lane, Bentley, Doncaster, South Yorkshire, DN5 0SJ

Tel: 01302 821700 Email: sales@doncastercables.com





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Dimensional Details:

Product Code	Number and Nominal Cross Sectional Area of Conductors (mm ²)	Nominal Stranding of Conductor (mm)	Nominal Stranding of CPC (mm)	Nominal Radial Thickness of insulation (mm)	Nominal Radial Thickness of Sheath (mm)	Overall Diameter Lower Limit (mm)	Overall Diameter Upper Limit (mm)	Approximate Weight (kg/km)
6241B1.5	1 x 1.5	1 / 1.38	1 / 1.13	0.7	0.9	4.4 x 5.4	5.3 x 6.6	56
H6242B1.0	2 x 1.0	1 / 1.13	(1.0mm ²)	0.7	0.9	4.1 x 7.6	5.3 x 9.1	64
H6242B1.5	2 x 1.5	1 / 1.38	1 / 1.13	0.7	0.9	4.4 x 8.1	5.3 x 9.7	80
H6242B2.5	2 x 2.5	1 / 1.78	(1.0mm ²)	0.7	1.0	4.9 x 9.3	6.0 x 11.2	108
H6242B4.0	2 x 4.0	7 / 0.85	1 / 1.13	0.7	1.0	5.5 x 10.4	6.7 x 12.6	158
H6242B6.0	2 x 6.0	7 / 1.04	(1.0mm ²)	0.7	1.1	6.2 x 12.0	7.5 x 14.6	225
H6242B710	2 x 10.0	7 / 1.35	1 / 1.38	0.7	1.2	7.3 x 14.5	8.8 x 17.6	405
H6242B716	2 x 16.0	7 / 1.70	(1.5mm ²)	0.7	1.3	8.4 x 17.0	10.1 x 20.5	561
H6243B1.0	3 x 1.0	1 / 1.13	1 / 1.38	0.7	0.9	4.1 x 10.0	5.1 x 12.1	86
H6243B1.5	3 x 1.5	1 / 1.38	(1.5mm ²)	0.7	0.9	4.4 x 10.7	5.3 x 12.9	111

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



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