



# Doncaster Cables

## 6491B (H07Z-R)

LSNH Thermosetting Insulated Single Core Cable



Manufactured to BS EN 50525-3-41 Clause 4.1, Table B.1

Plain Annealed Copper Conductor / Thermosetting LSNH (Low Smoke Non Halogen) Insulated. Single Core. 450/750V.

<b>Conductor:</b>	Plain Annealed Copper Class 2 to BS EN 60228
<b>Insulation:</b>	LSNH Thermosetting Type EI5 to BS EN 50363-5
<b>Current Ratings:</b>	For current ratings refer to table 4E1 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. They are intended for installation in surface mounted or embedded conduits, or similar closed systems. These cables are suitable for use in channels with cover. Suitable for fixed protected installation in or on light fittings and inside applications, switchgear and controlgear, for voltages up to 750V a.c or up to 450V to earth d.c

### STANDARD CORE COLOURS



(other colours available)



**The British Cable Company You Can Trust**



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

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DONCASTER CABLES

### Dimensional Details:

Product Code	Harmonisation Code	Nominal Cross Sectional Area of Conductor (mm <sup>2</sup> )	Nominal stranding of conductor (mm)	Nominal radial thickness of insulation (mm)	Overall Diameter Lower Limit (mm)	Overall Diameter Upper Limit (mm)	Approx. weight (kg/km)
6491B1.5	H07Z-R	1.5	7 / 0.53	0.7	2.7	3.4	21
6491B2.5	H07Z-R	2.5	7 / 0.67	0.8	3.3	4.1	35
6491B4.0	H07Z-R	4.0	7 / 0.85	0.8	3.8	4.7	50
6491B6.0	H07Z-R	6.0	7 / 1.04	0.8	4.3	5.4	70
6491B710	H07Z-R	10.0	7 / 1.35	1.0	5.6	7.0	120
6491B716	H07Z-R	16.0	7 / 1.70	1.0	6.4	8.0	175
6491B725	H07Z-R	25.0	7 / 2.14	1.2	8.1	10.1	284
6491B735	H07Z-R	35.0	7 / 2.52	1.2	9.0	11.3	375
6491B750	H07Z-R	50.0	19 / 1.78	1.4	10.6	13.2	520
6491B770	H07Z-R	70.0	19 / 2.14	1.4	12.1	15.1	704
6491B795	H07Z-R	95.0	19 / 2.52	1.6	14.1	17.6	992
6491B8120	H07Z-R	120.0	37 / 2.03	1.6	15.6	19.4	1234
6491B8150	H07Z-R	150.0	37 / 2.25	1.8	17.3	21.6	1487
6491B8185	H07Z-R	185.0	37 / 2.52	2.0	19.3	24.1	1792

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

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