



Doncaster Cables

6491B (H07Z-R)

LSNH Thermosetting Insulated Single Core Cable

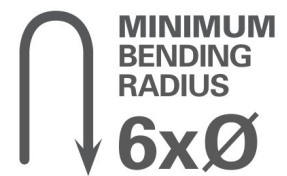


Representative image: The number and colour of cores may vary

| | |
|--------------------------------------|--------------------------------------------------------------------------|
| Conductor | Plain Annealed Copper Class 2 to BS EN 60228 |
| Insulation | LSNH Thermosetting Type EI5 to BS EN 50363-5 |
| Current Ratings | For current ratings refer to table 4E1 of BS7671 IET Wiring Regulations. |
| Voltage Rating | 450/750V |
| Maximum operating temperature | 90°C |

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



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 | Harmonisation Code | Nominal Cross Sectional Area of Conductor (mm ²) | Nominal Stranding of conductor (mm) | Nominal Radial Thickness of Insulation (mm) | Overall Diameter Lower Limit (mm) | Overall Diameter Upper Limit (mm) | Approximate 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 | 7 / 0.85 | 0.8 | 3.8 | 4.7 | 50 |
| 6491B6.0 | H07Z-R | 6 | 7 / 1.04 | 0.8 | 4.3 | 5.4 | 70 |
| 6491B710 | H07Z-R | 10 | 7 / 1.35 | 1 | 5.6 | 7 | 120 |
| 6491B716 | H07Z-R | 16 | 7 / 1.70 | 1 | 6.4 | 8 | 175 |
| 6491B725 | H07Z-R | 25 | 7 / 2.14 | 1.2 | 8.1 | 10.1 | 284 |

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| | | | | | | | |
|-----------|--------|-----|-----------|-----|------|------|------|
| 6491B735 | H07Z-R | 35 | 7 / 2.52 | 1.2 | 9 | 11.3 | 375 |
| 6491B750 | H07Z-R | 50 | 19 / 1.78 | 1.4 | 10.6 | 13.2 | 520 |
| 6491B770 | H07Z-R | 70 | 19 / 2.14 | 1.4 | 12.1 | 15.1 | 704 |
| 6491B795 | H07Z-R | 95 | 19 / 2.52 | 1.6 | 14.1 | 17.6 | 992 |
| 6491B8120 | H07Z-R | 120 | 37 / 2.03 | 1.6 | 15.6 | 19.4 | 1234 |
| 6491B8150 | H07Z-R | 150 | 37 / 2.25 | 1.8 | 17.3 | 21.6 | 1487 |
| 6491B8185 | H07Z-R | 185 | 37 / 2.52 | 2 | 19.3 | 24.1 | 1792 |

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

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