

Doncaster Cables

MULTIUSE

SCREENED/PROTECTED FIXED WIRING CABLE



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Manufactured to BS 8436 Table 1

Plain Annealed Copper Conductors / XLPE Insulated / Tinned Copper Circuit Protective Conductor / Laminated Aluminium Tape Screen / Thermoplastic Low Smoke Non-Halogen (LSNH) Sheath. 300/500V

- Conductor :** Plain Annealed Copper Class 1 or 2 to BS EN 60228
- Insulation:** Thermosetting XLPE Type GP8 to BS 7655-1.3
- Screen :** Laminated Aluminium Screen In Direct Contact With Tinned Annealed Copper CPC. Providing excellent Earthing Characteristics
- Sheath:** Thermoplastic LSNH Type LTS 3 to BS 7655-6.1
- Current Ratings:** For current ratings refer to table 4D2 of BS7671 IEE Wiring Regulations Seventeenth Edition.

STANDARD CORE COLOURS

- 2 CORE 
- 3 CORE 
- 4 CORE 

MINIMUM OPERATING TEMPERATURE

-15°C

MAXIMUM OPERATING TEMPERATURE

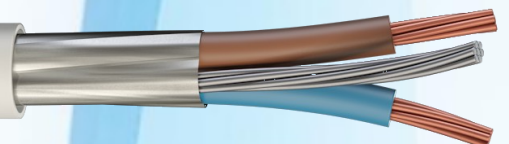
90°C

MINIMUM BENDING RADIUS

6 x Ø

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These cables are intended for installation in air (which includes installation in trunking or other closed systems), and in thin partitions and building voids when connected to a suitably selected protective device . Providing that the design and installation is carried out in accordance with BS7671 the cable can also be installed in ductwork, behind plaster, indoors and outdoors (where suitably protected)

Key benefits to using Multiuse cable are that it is quick to install, lightweight, flexible and pliable - all these features result in a pre-shielded cable which is easy to install and easily dressed.

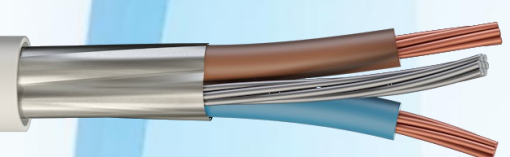
However, the main advantages of Multiuse cable can be found when being installed in floors, ceilings, thin walls and partitions.

Multiuse can be used as a solution to meeting BS7671:2008 clauses 522.6.100 to 522.6.103 - which relate to concealed cables at a depth of less than 50mm.

Multiuse cable is manufactured to BS8436 - which means that it is a protected fixed wiring cable. The protection is given by an aluminium tape which is adhered to the outer sheath of the cable. This cable design provides a fail safe when used in an electrical circuit that is penetrated by nails or other sharp metallic objects.

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Reference Number	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)	Nominal Overall Diameter (mm)	Approximate Weight (kg/km)
HMU2C1.0	2 x 1.0	1/1.13	1/1.13	0.6	0.9	7.3	88
HMU2C1.5	2 x 1.5	7/0.53	7/0.53	0.7	0.9	9.1	106
HMU2C2.5	2 x 2.5	7/0.67	7/0.67	0.7	1.0	10.2	140
HMU2C4.0	2 x 4.0	7/0.85	7/0.85	0.7	1.1	11.0	190
HMU3C1.0	3 x 1.0	1/1.13	1/1.13	0.6	0.9	7.7	105
HMU3C1.5	3 x 1.5	7/0.53	7/0.53	0.7	0.9	9.6	130
HMU3C2.5	3 x 2.5	7/0.67	7/0.67	0.7	1.0	10.8	172
HMU3C4.0	3 x 4.0	7/0.85	7/0.85	0.7	1.1	11.6	238
HMU4C1.0	4 x 1.0	1/1.13	1/1.13	0.6	1.0	8.5	125
HMU4C1.5	4 x 1.5	7/0.53	7/0.53	0.7	1.0	10.6	155
HMU4C2.5	4 x 2.5	7/0.67	7/0.67	0.7	1.1	11.9	204
HMU4C4.0	4 x 4.0	7/0.85	7/0.85	0.7	1.2	12.9	294

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