LPCB Cert No 338C/01
UKAS PRODUCT CERTIFICATION 0007

BASEC BRITISH APPROVALS SERVICE FOR CABLES
UKAS PRODUCT CERTIFICATION 004
PRODUCT MARKING LICENCE NO: 040/001

FIRE RATED CABLES STRANDED
BY DONCASTER 🇬🇧
FIRE PERFORMANCE CABLE

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Manufactures to BS 1-7629 Tabla1

Plain Annealed Copper Conductors / Silicone Rubber Insulated / Circuit Protective Conductor / Single Layer of Aluminium / Co-Polymer Tape (tap is adheared to the sheathing and will come away with the seath when stripping the cable) Thermoplastic Low Smoke Non-Halogen (LSNH) Sheath. 300/500V

Conductor
Plain Annealed Copper Class 2 to BS EN 60228

Instulation
Silicones Rubber Type El2 to BS EN 50363-1

Screen
Single Aluminum/Co-Polymer Screen In Direct Contact with Tinned Annealed Copper CPC. Providing excellent Earthing Characteristics Thermoplastic LSNH TYpe LTS 3 to BS 7655-6.1

Sheath
Thermoplastic LSNH Type LTS 3 to BS 6.1-7655

Carrent Ratings
For current ratings refer to table 4D2 of BS7671 IEE Wiring Regulations Seventeenth Edition.

These cables are suitable for both indoor and outdoor applications in suitably protected environments and is particularly appropriate for direct burial in plaster, clipped directly to surface, tray and other installations requiring a dressable product.

DONCASTER CABLES

STANDARD CORE COLOURS

2 CORE

MINIMUM OPERATING TEMPERATURE
-15 °C

MAXIMUM OPERATING TEMPERATURE
70 °C

MINIMUM BENDING RADIUS
6 X Ø

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Fire Performance

BS1:2015-7629 STANDARD 60 - minimum duration of 60 minute survival when tested in accordance with BS EN 50200 and minimum 30 minute survival time when tested in accordance with BS EN 50200, Annex E

Additionally tested to BS6387:2013 CAT CWZ

Conductor Identification: **Two Core** -Blue and Brown (plus CPC)

Dimensional Data

Reference Number	Number and Nominal Cross Sectional area of Conductors (mm2)	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)
HFS5002C1.5S	2 x 1.5	0.53 / 7	0.53 / 7	0.7	0.9	8.0	100
HFS5002C2.5S	2 X 2.5	0.67 / 7	0.67 / 7	0.8	1.0	10.5	140

Part Number Example
HFS5002C1.5R100S.

''HFS500"	indicates the product type.
"2C1.5"	indicates the number of cores and conductor size e.g. 2 core + CPC 1.5mm2.
"R"	indicates the colour e.g. R=Red, W=White.
"100"	indicates the reel length e.g. 100m.
"S"	indicates stranded conductors.

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

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