

# Doncaster Cables

**2192Y (H03VVH2-F) / 218-Y (H03VV-F)**  
**Light Duty PVC Insulated and Sheathed Flexible Cords**



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# Doncaster Cables

## 2192Y (H03VVH2-F) / 218-Y (H03VV-F)

### Light Duty PVC Insulated and Sheathed Flexible Cords

Manufactured to BS EN 50525-2-11:2011 Clause 4.1, Table B.1

Annealed Flexible Copper Conductor / PVC Insulated / PVC Sheathed. 300/300V

2192Y (H03VVH2-F) = Flat Parallel Cord    218-Y (H03VV-F) = Circular Cords

**Conductor :** Plain Annealed Copper Class 5 Flexible to BS EN 60228






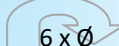
**Insulation:** PVC Type TI2 to BS EN 50363-3

**Sheathing:** PVC Type TM2 to B EN 50363-4-1

**Current Ratings:** For current ratings refer to table 4F3 of BS7671 IEE Wiring Regulations Seventeenth Edition.

Light duty flexible cords are used where the risk of mechanical damage and mechanical stresses is low, i.e. under external influences to be expected in the normal use of light, hand-held appliances and light portable equipment in domestic premises, offices and shops.

Examples of appliances that use light duty flexible cords include domestic hair dryers and hair styling appliances, radio sets, table and standard lamps and small desktop machines.

<b>STANDARD CORE COLOURS</b>	<b>MINIMUM OPERATING TEMPERATURE</b>	<b>MAXIMUM OPERATING TEMPERATURE</b>	<b>MINIMUM BENDING RADIUS</b>
2 CORE  3 CORE  4 CORE 	 -15°C	 70°C	 6 x Ø

DONCASTER CABLES



PRODUCT MARKING LICENCE NO: 040/001

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## 2192Y (H03VVH2-F) / 218-Y (H03VV-F)

### Light Duty PVC Insulated and Sheathed Flexible Cords

Reference Number	Harmonisation Code	Nominal Cross Sectional Area of Conductor (mm <sup>2</sup> )	Nominal Stranding of Conductor (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)
2192Y0.5	H03VVH2-F	0.5	16/0.2	0.5	0.6	3.0 x 4.9	3.7 x 5.9	31
2192Y0.75	H03VVH2-F	0.75	24/0.2	0.5	0.6	3.2 x 5.2	3.8 x 6.3	37
2182Y0.5	H03VV-F	0.5	16/0.2	0.5	0.6	4.6	5.9	41
2182Y0.75	H03VV-F	0.75	24/0.2	0.5	0.6	4.9	6.3	50
2183Y0.5	H03VV-F	0.5	16/0.2	0.5	0.6	4.9	6.3	48
2183Y0.75	H03VV-F	0.75	24/0.2	0.5	0.6	5.2	6.7	57
2184Y0.5	H03VV-F	0.5	16/0.2	0.5	0.6	5.4	6.9	53
2184Y0.75	H03VV-F	0.75	24/0.2	0.5	0.6	5.7	7.3	63

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

## Product Certification Schedule

Schedule No. 040/001/338  
 Test Report No. G1TTA037  
 Prev. Schedule No. 040/001/311  
 Licensee: DONCASTER CABLES, ARKSEY LANE, BENTLEY, DONCASTER, DN5 0SJ  
 Factory: DONCASTER CABLES, ARKSEY LANE, BENTLEY, DONCASTER, DN5 0SJ  
 Specification BS EN 50525-2-11:2011 Electric cables - Low voltage energy cables of rated voltages up to and including 450/750 V (Uo/U) Part 2-11: Cables for general applications - Flexible cables with thermoplastic PVC insulation  
 Type of Cable Clause 4.1 Light duty cables - H03VV-F and H03VVH2-F  
 Table B.1 Cables rated at 300/300 V  
 HAR Document EN 50525-2-11:2011  
 HAR Specification Circular cables: H03VV-F, Flat cables: H03VVH2-F  
 Range of Approval 0.5sqmm to 0.75sqmm nominal cross-sectional area of conductors inclusive. 2-core to 4-core inclusive. Class 5 conductor. Circular cables. 0.5sqmm to 0.75sqmm nominal cross-sectional area of conductors inclusive. 2-core. Class 5 conductor. Flat cables. Sheath - TM2. Insulation - TI2.  
 Origin Thread BLUE/BROWN/GREY/ORANGE  
 Origin Mark DONCASTER CABLES or GB CABLES

### PERMISSIBLE MARKS



**BASEC** ◁ HAR ▷

BLACK - 1cm  
 RED - 1cm  
 YELLOW - 3cm  
 THREAD

Note: The black - red - yellow thread has been registered in this country as an identification thread in the BSI "Register of colours of manufacturers' threads for electric cables and cords" for Verband Deutscher Elektrotechniker (VDE) e.V., Frankfurt, Germany. VDE has authorized BASEC to use this thread.

Please refer the BASEC Product Certification Requirements

Expiry Date: 05/02/2020

This certificate is issued according to the rules of the HAR agreement. The certification Scheme meets the criteria for type 5 Scheme laid down in the ISO/IEC 17067:2013 (Type Testing, Factory Inspection with assurance of conformity by continuous sample testing, production surveillance and market surveillance). The certificate issued by any Certification Body adhering to the HAR Agreement has the same worth and validity in all the other Certification Bodies' countries. Compliance with the requirements of the above listed Harmonised Standards carries a presumption of conformity with the essential safety requirements of Directive 2014/35/EC (Low Voltage Directive).

Signed for and on behalf of the British Approvals Service for Cables

Date 23-1-2017

This Certificate and Schedule(s) remains the property of BASEC, and shall be returned when required.

