



# Doncaster Cables

## 309-Y (H05V2V2-F)

Heat Resisting PVC Insulated and Sheathed Flexible Cords



- Manufactured in the UK
- Manufactured with 100% renewable energy
- Uses materials and manufacturing techniques designed to make the electricians life easier
- BASEC Approved

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

**Insulation** PVC Type Tl3 to BS EN 50363-3

**Sheathing** PVC Type TM3 to BS EN 50363-4-1

**Current Ratings** For current ratings refer to table 4F3A of BS7671 IET Wiring Regulations.

**Voltage Rating** 300/500V

**Maximum operating temperature** 90°C

Heat resisting ordinary duty flexible cords are used where the risk of mechanical damage and mechanical stresses is normal, i.e. when cables are subject to low mechanical stresses in the areas of application, and the risk of mechanical damage is low, as is the case to be expected in the normal use of small to medium size equipment in domestic and commercial as well as in light industrial premises.

**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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Examples of appliances that use heat resisting ordinary duty flexible cords are portable tools, immersion heaters, washing machines, cookers and refrigerators; especially in higher temperature zones.

#### STANDARD CORE COLOURS



**MINIMUM OPERATING TEMPERATURE**  
**-15°C**



**MAXIMUM OPERATING TEMPERATURE**  
**90°C**



**MINIMUM BENDING RADIUS**  
**6xØ**

#### Dimensional Details:

Product Code	Harmonisation Code	Nominal Stranding of Conductor (mm)	Nominal Stranding of CPC (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)
3092Y0.75	H05V2V2-F	0.75	24/0.2	0.6	0.8	5.7	7.2	56
3092Y1.0	H05V2V2-F	1	32/0.2	0.6	0.8	5.9	7.5	73
3092Y1.5	H05V2V2-F	1.5	30/0.25	0.7	0.8	6.8	8.6	95
3092Y2.5	H05V2V2-F	2.5	50/0.25	0.8	1	8.4	10.6	150
3092Y4.0	H05V2V2-F	4	56/0.30	0.8	1.1	9.7	12.1	195
3093Y0.75	H05V2V2-F	0.75	24/0.2	0.6	0.8	6	7.6	69
3093Y1.0	H05V2V2-F	1	32/0.2	0.6	0.8	6.3	8	77
3093Y1.25	N/A*	1.25	40/0.2	0.7	0.9	6.9	8.7	90
3093Y1.5	H05V2V2-F	1.5	30/0.25	0.7	0.9	7.4	9.4	100
3093Y2.5	H05V2V2-F	2.5	50/0.25	0.8	1.1	9.2	11.4	150
3093Y4.0	H05V2V2-F	4	56/0.30	0.8	1.2	10.5	13.1	252
3094Y0.75	H05V2V2-F	0.75	24/0.2	0.6	0.8	6.6	8.3	78
3094Y1.0	H05V2V2-F	1	32/0.2	0.6	0.9	7.1	9	110
3094Y1.5	H05V2V2-F	1.5	30/0.25	0.7	1	8.4	10.5	150
3094Y2.5	H05V2V2-F	2.5	50/0.25	0.8	1.1	10.1	12.5	220
3094Y4.0	H05V2V2-F	4	56/0.30	0.8	1.2	11.5	14.3	310
H3095Y0.75	H05V2V2-F	0.75	24/0.2	0.6	0.9	7.4	9.3	94

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H3095Y1.0	H05V2V2-F	1	32/0.2	0.6	0.9	7.8	9.8	132
H3095Y1.5	H05V2V2-F	1.5	30/0.25	0.7	1.1	9.3	11.6	180
H3095Y2.5	H05V2V2-F	2.5	50/0.25	0.8	1.2	11.2	13.9	264
H3095Y4.0	H05V2V2-F	4	56/0.30	0.8	1.4	13	16.1	370
Weight and dimensional information is provided as an approximate guide only.								

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