



# Doncaster Cables

## 6181Y

Single Core PVC Insulated and PVC Sheathed Cable



Manufactured to BS 6004 Table 3

Annealed Copper Conductor / PVC Insulated / PVC Sheathed. 300/500V

|                    |   |
|--------------------|---|
| <b>Conductor:</b>  | Plain Annealed Copper Class 1 or 2 to BS EN 60228 |
| <b>Insulation:</b> | PVC Type T11 to BS EN 50363-3                     |
| <b>Sheathing:</b>  | PVC Type 6 to BS7655-4.2                          |

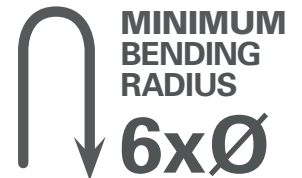
**Current Ratings:** For current ratings refer to table 4D1 of BS7671 IET Wiring Regulations

Designed for use in light industrial and domestic wiring. These cables are particularly suited for installation as meter tails and are intended for fixed installation in dry or damp premises.

These cables can be installed in conduit, in cable trunking and in cable ducting, or where there is deemed little risk of mechanical damage these cables can be clipped direct, on cable tray, embedded or in free air. These cables are not intended to be laid underground.

### STANDARD CORE COLOURS

1 CORE  or 



The British Cable Company You Can Trust



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### Dimensional Details:

| Product Code | 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) |
|--------------|--------------------|--|-------------------------------------|---|---|-----------------------------------|-----------------------------------|----------------------------|
| 6181Y1.0     | National Type      | 1.0  | 1 / 1.13                            | 0.6   | 0.8                                     | 3.8                               | 4.5                               | 26                         |
| 6181Y1.5     | National Type      | 1.5  | 1 / 1.38                            | 0.7   | 0.8                                     | 4.2                               | 4.9                               | 35                         |
| 6181Y2.5     | National Type      | 2.5  | 1 / 1.78                            | 0.8   | 0.8                                     | 4.8                               | 5.8                               | 55                         |
| 6181Y4.0     | National Type      | 4.0  | 7 / 0.85                            | 0.8   | 0.9                                     | 5.4                               | 6.8                               | 75                         |
| 6181Y6.0     | National Type      | 6.0  | 7 / 1.04                            | 0.8   | 0.9                                     | 6.0                               | 7.4                               | 95                         |
| 6181Y710     | National Type      | 10.0   | 7 / 1.35                            | 1.0   | 0.9                                     | 7.2                               | 8.8                               | 155                        |
| 6181Y716     | National Type      | 16.0   | 7 / 1.70                            | 1.0   | 1.0                                     | 8.4                               | 10.5                              | 225                        |
| 6181Y725     | National Type      | 25.0   | 7 / 2.14                            | 1.2   | 1.1                                     | 10.0                              | 12.5                              | 340                        |
| 6181Y725F    | National Type      | 25.0   | 19 / 1.28                           | 1.2   | 1.1                                     | 10.0                              | 12.5                              | 340                        |
| 6181Y735     | National Type      | 35.0   | 7 / 2.52                            | 1.2   | 1.1                                     | 11.0                              | 13.5                              | 445                        |

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



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