



## Description:

Circular 4-pair, 24AWG (7/0.2mm) Tinned Copper, S-R PVC Insulated, Collectively Screened, PVC Sheathed to 6.7mm, Grey

## Conductors:

24AWG (7/0.2mm) tinned annealed copper bunch.  
Minimum cross-sectional area = 0.199mm<sup>2</sup>.

## Insulation:

PVC compound meeting the requirements of Special (Semi-rigid) PVC  
Minimum thickness at any one point = 0.18mm (7mils)  
Minimum average thickness = 0.23mm (9 mils)  
Nominal diameter = 1.1mm

## Lay Up:

2 cores twisted together  
4 pairs laid up  
Black/Red, Black/White, Black/Green, Black/Blue

## Screen:

Aluminium/Polyester laminated taped  
24AWG (7/0.2mm) tinned annealed copper drain wire in contact with aluminium side  
Polyester taped

## Sheath:

Type TM 1 PVC compound meeting the requirements of BS EN 50363, Grey  
Minimum overall diameter = 6.45mm  
Maximum overall diameter = 6.95mm

## Service Data:

Voltage Rating = 300V, (not suitable for direct connection to mains power)  
Maximum DC conductor resistance at 20°C = 94.2Ω/km  
Minimum insulation resistance at 20°C = 20MΩ.km  
Nominal capacitance core to core = 98pF/m  
Nominal capacitance core to screen = 164pF/m  
Maximum operating temperature = +80°C  
Minimum installation and handling temperature = +5°C  
Minimum operating temperature (not flexed) = -10°C  
Approximate mass/unit length = 58kg/km

## Part Number Table

Description	Part Number
Cable, Screen, 4Pair, 7/0.203mm, 100m	PD1004

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.