



## 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

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