



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 = 0.199mm².

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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