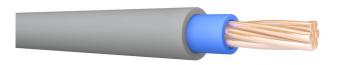


6181Y

PVC Insulated and Sheathed Single Core Cable. BS 6004. 300/500 V



Draka 6181Y is a low voltage single core, PVC insulated copper conductor with an additional PVC oversheath insulation for physical protection

KEY APPLICATIONS

Fixed installation in dry or damp premises on walls, boards or trays, in channels or embedded in plaster

FEATURES AND BENEFITS

• Manufactured under ISO 9001 Quality management systems





BS 6004 BS EN 60332-1-2

CONSTRUCTION

Conductor material Conductor surface Core insulation material Material outer sheath Cable shape Construction Standard Flame Propagation - Single Cable

Copper Bare Polyvinyl chloride (PVC) Polyvinyl chloride (PVC) Round



APPLICATIONS PROPERTIES

300
500
n accordance with BS EN 60332-1-2
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COLOURS

Insulation: Brown or Blue. Sheath: Grey

CURRENT RATINGS

Refer to table 4D1 of BS 7671 Requirements for Electrical Installations. IET Wiring Regulations

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TECHNICAL DATA

Nominal cross section conductor [mm²]	Conductor category	Nominal thickness insulation [mm]	Nominal outer diameter [mm]	Cable weight [kg/km]	Conductor resistance at 20° C [Ohm/km]
1.5	Class 1 = solid	0.8	4.5	35	12.1
2.5	Class 1 = solid	0.8	5.1	48	7.41
4	Class 2 = stranded	0.8	6.1	71	4.61
6	Class 2 = stranded	0.8	6.6	93	3.08
10	Class 2 = stranded	1	7.8	145	1.83
16	Class 2 = stranded	1	9	210	1.15
25	Class 2 = stranded	1.2	10.9	320	0.727
35	Class 2 = stranded	1.2	12	420	0.524