



Draka

6181Y

Draka 6181Y - PVC Insulated and Sheathed Wiring Cable

Draka 6181Y is a low voltage single core, PVC insulated copper conductor with an additional PVC oversheath for physical protection. The cable is suitable for domestic and light industrial wiring and can be installed on tray, free air or clipped direct. It should be installed into areas where there is low risk of mechanical damage.



Construction

Manufacturing standard:	BS 6004
Conductors:	Solid or stranded plain annealed copper wire (class 1 or class 2) to BS EN 60228.
Insulation:	PVC
Sheath:	PVC
Core colours:	Brown or Blue
Sheath colour:	Grey

Physical Characteristics

Voltage rating (U_o/U):	300/500V
Max conductor temp:	70°C
Min, bending radius:	4 x overall diameter of cable
Current rating:	Refer to tables 4D1A & 4D1B in BS7671

Other colours are available on request



A brand of the

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Group



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Single core 6181Y

Nominal area of conductor	Insulation thickness	Sheath thickness	Approx. overall diameter	Approx. weight of cable	Maximum conductor resistance @ 20°C
mm ²	mm	mm	mm	kg/km	Ω/km
1.5*	0.7	0.8	4.6	40	12.10
2.5*	0.8	0.8	5.3	55	7.41
4	0.8	0.9	6.1	80	4.61
6	0.8	0.9	6.7	100	3.08
10	1.0	0.9	8.0	160	1.83
16	1.0	1.0	9.5	235	1.15
25	1.2	1.1	11.3	340	0.727
35	1.2	1.1	12.3	445	0.524

