



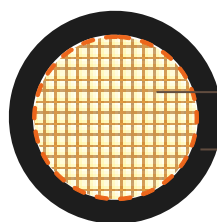
Single Core Flexible Power Cable, 0.6/1kV

Application

These cables are mainly for use in fixed applications.

Standard

AS 5000.1
AS1125
AS3808



Plain copper conductor
PVC insulation

Cable Construction

Conductor: Nominal 0.2mm stranded flexible plain copper wire to AS1125

Insulation: V90HT PVC to AS3808

Colours: Black, Red, Blue, White, Green/Yellow

Technical Characteristics

Conductor Size mm ²	Electrical Resistance @20.C Ohm/km	Current Rating' AMPS 2 single cores	Voltage Drop mV 1Am at Max operating Temperature	
			Single Phase	Three Phase
4	4.950	40	11 .20	9.71
6	3.300	51	7.50	6.49
10	1.910	69	4.45	3.86
16	1.210	92	2.80	2.43
25	0.780	125	1.78	1.54
35	0.554	155	1.29	1.12
50	0.386	185	0.96	0.83
70	0.272	240	0.62	0.59
95	0.206	295	0.51	0.44
120	0.161	345	0.41	0.36



Cable Parameter

Conductor Size	No.of cores	Conductor No./ OD	Nominal Insulation Thickness	Nominal O.D.	Approx.cable weight
mm ²		mm	mm	mm	kg/100m
4	1	128/0.2	1.0	4.8	5.30
6	1	192/0.2	1.0	5.4	7.30
10	1	322/0.2	1.0	6.3	11.40
16	1	511/0.2	1.0	7.3	17.10
25	1	784/0.2	1.2	8.8	30.00
35	1	1120/0.2	1.2	10.2	37.50
50	1	1568/0.2	1.4	11.9	51.00
70	1	2240/0.2	1.4	14.0	71.50
95	1	3040/0.2	1.6	16.0	97.00
120	1	3800/0.2	1.6	17.5	119.10