

TECHNICAL DATA

BS 6195 TYPE 4C

Flexible Coil Lead

DESCRIPTON

BS 6195 is a flexible single core cable consisting of class 5 tinned copper conductors with EPR/CSP composite insulation. The cable is very flexible and the insulation provides resistance to heat and oil, as well as being flame retardant.

APPLICATIONS

BS 6195 finds use as a coil lead or panel wiring, especially in areas where resistance to heat & oil is required.

PHYSICAL PROPERTIES

Specification	BS 6195 Table 5
Voltage	Category C, 600/1000 V
Operating temperature	-20°C to + 90°C
Conductor	Tinned annealed flexible copper
Insulation	EPR (Ethylene Propylene Rubber)
Sheath/Jacket	CSP (Chlorosulphonated Polyethylene) Also know as HOFR (Heat & oil resistant, Flame Retardant)
Colour	Black

TECHNICAL DATA

Cross Sectional Area mm ²	Current Rating Single Cable Amps	Current Rating 2 Cables Bunched Amps	Current Rating 3 Cables Bunched mV/A/M	Maximum DC Conductor Resistance 20°C Ω/Km	Nominal Overall Diameter mm	Nominal Weight Kg/Km
0.5	16	13	10.5	40.1	3.9	21
0.75	20	16.5	13	26.7	4.1	24
1	24	19.5	15.5	20	4.3	28
1.5	30	24	19.5	13.7	4.5	33
2.50	40	34	27	8.21	7.8	40
4	54	46	38	5.09	8.8	62
6	72	61	51	3.39	9.6	90
10	100	87	72	1.95	10.5	135
16	135	118	99	1.24	11.6	195
25	179	158	133	0.795	12.9	313
35	225	198	168	0.565	14.6	395
50	283	250	214	0.393	16.1	552
70	354	314	271	0.277	18.3	775
95	425	378	328	0.21	20.1	1028
120	501	446	388	0.164	21.9	1281
150	578	515	449	0.132	23.7	1585
185	659	587	514	0.108	26.3	1959
240	795	705	618	0.0817	28.5	2529
300	923	813	713	0.0654	32.3	3084

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