

TYPE 4 (C)

BS 6195:2006



Single Conductor Rubber Insulated Flexible Cables



CONSTRUCTION

Conductors	Annealed tinned copper conductor class 5 acc. to BS EN 60228
Separator	If needed a suitable tape separator under insulation
Internal insulation layer	EPR thermosetting compound type 4
Outer insulation layer	Based on chlorinated polyethylene thermosetting compound
Colour of outer sheath	Black

FEATURES

- Excellent flexibility
- Ozone, sun, weather resistant
- Temperature range : For flexible -25 up to 90 °C , for installation -40 up to 90 °C
- Oil resistant, flame retardant
- Voltage category : 0,6/1 kV
- Voltage Test :6 kV, Table H.2 of BS 6195:2006

Standard length cable packing	500 m on drums. Other forms of packing and delivery are available on request
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Number and cross-sectional area of conductor	Radial thickness of insulation Voltage Category C	Maximum overall diameter	Approx . Weight	Current Rating Single Cable In free air *
mm ²	mm	mm	kg/km	A
1x1,5	1.4	5.2	30	30
1x2,5	1.4	5.6	41	40
1x4	1.4	6.3	57	54
1x6	1.5	7.5	80	72
1x10	1.5	8.5	120	100
1x16	1.5	9.6	178	135
1x25	1.6	11.4	260	179
1x35	1.6	12.8	350	225
1x50	1.7	14.8	498	283
1x70	1.8	17.2	687	354
1x95	2.0	19.7	906	425
1x120	2.2	21.9	1148	501
1x150	2.3	24.1	1420	578
1x185	2.4	26.3	1721	659
1x240	2.4	28.3	2225	795
1x300	2.6	33.0	2800	923
1x400	2.8	37.4	3662	1120

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* Ambient temperature: 40° C

Conductor operating temperature :90° C

Ambient temperature:	25°C	30 °C	35 °C	40 °C	45 °C	50 °C	55 °C	60 °C	65 °C
Rating factor	1,14	1,09	1,05	1	0,95	0,9	0,84	0,77	0,71



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