

(Ny billede af 1-leder)

Application: Flexible and oil resistant rubber cable for use indoors and outdoors for instance in temporary installations on construction sites, with mobile generators and on events.

Conductor	Flexible bare copper acc. to IEC 60228 class 5
Conductor insulation	EPR rubber acc. to EN 50363-1
Sheath	Black oil resistant rubber acc. to EN 50363-2-1
Oil resistant	IEC 60811-404
Ambient temp. at installation	Min -20°C
Conductor temperature	Max 90°C
Short circuit temperature	Max 250°C
Min. bending radius	12<D≤20=5D, D>20=6xD flexing
Rated voltage	450/750 V
Test voltage	2,5 kV
Flame retardant	IEC 60332-1
Meets RoHS and REACH	
Approval	CE
Design:	EN 50525-2-21

No of conductors x cross section	Nom outer diameter mm	Cable weight kg/km
1X50 mm ²	16,5 – 20,6	790
1X70 ”	18,6 – 23,3	1060
1X95 ”	20,8 – 26,0	1380
1X120 ”	22,8 – 28,6	1710
1X150 ”	25,2 – 31,4	2110
1X185 ”	27,6 – 34,4	2575
1X240 ”	30,6 – 38,3	3275
1X300 ”	33,5 – 41,9	4025

Current rating acc. to IEC 60364-5-52, table B.52.12 .

No of cond. x cross section	Three loaded conductors in trefoil, method F, ambient temperature 30°C	Three loaded conductors in flat, spaced horizontal installation, method G, ambient temperature 30°C
1X50 mm ²	207 A	275 A
1X70 ”	268 A	353 A
1X95 ”	328 A	430 A
1X120 ”	383 A	500 A
1X150 ”	444 A	577 A
1X185 ”	510 A	661 A
1X240 ”	607 A	781 A
1X300 ”	703 A	902 A

Correction factor for ambient temperature other than +30°C acc. to IEC 60364-5-52, tabel B.52.14.

10°C:1,15 15°C: 1,12 20°C: 1,08 25°C: 1,04 35°C: 0,96 40°C: 0,91 45°C: 0,87 50°C: 0,82
55°C: 0,76 60°C: 0,71 65°C: 0,65 70°C: 0,58 75°C: 0,50 80°C: 0,41