H07V-K FR



Application

For wiring with small bending and higher requirements to the cable flexibility, in machines, devices, instruments and boards. The cables are with insulation type LS FR, with low smoke density and flame-retardant according to IEC 60332-3 class A.

Technical data

- manufactured acc. to HD 21.3
- rated voltage Uo/U: 450/750 V
- test voltage: 2,5 kV
- maximum conductor temperature: + 70 °C
- max. conductor temperature at short circuit for 5 s : +160 °C
- temperature of environment: - 40 °C to +65 °C
- minimum temperature during installation: - 5°C
- minimum bending radius : 10D (D - cable diameter)
- flame test: flame-retardant acc. to IEC 60332-3 class A and DIN VDE 0472, part 804, test B.

Cable design

- copper conductors class 5 acc. to IEC 60228
- insulation: PVC compound type LS FR type TI2 according to HD 21.1, with oxygen index - min 32%

Core identification

- yellow- green, white, black, grey, blue, brown, red

Cross section of conductors mm2	Outer Diameter mm	Copper Weigh t kg/km	Cable Weight kg/km
10,0	7,0	96,0	127
16,0	7,8	153,6	187
25,0	9,7	240,0	288
35,0	10,9	336,0	384
50,0	13,7	480,0	560
70,0	16,1	672,0	783

Gamakabel