H07V-R



Application

For fixed installation in lighting networks, power systems, signal systems, for wiring in control boards, machines and instruments.

Technical data

- manufactured acc. to DIN VDE 0281-3 (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: - 30 °C to +50 °C
- minimum temperature during installation: - 5 °C
- minimum bending radius: for diameters up to 10 mm : 10D ; for diameters above 10 mm : 15D (D - cable diameter)
- flame test: flame-retardant acc. to IEC 60332-1
- Approval - VDE

Cable design

- copper conductors class 2 acc. to IEC 60228
- insulation: PVC compound type TI1 according to DIN VDE 0281-1 (HD 21.1)

Core identification

- yellow-green, white, black, grey, blue, brown, red, green, yellow or other upon request

Cross section of conductors mm^2	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1,5	3,0	14,4	24
2,5	3,7	24,0	36
4,0	4,3	38,4	55
6,0	4,9	57,6	75
10,0	69,2	96,0	125
16.0	7,3	153,6	189
25,0	9,0	240,0	295
35,0	10,2	336,0	393
50,0	12,0	480,0	528
70,0	13,8	672,0	754
95,0	16,1	912,0	1030

gamakabel