H03V2V2-F
H03V2V2H2-F



Application

For connecting electric appliances, devices and instruments to the power supply network.

Technical data

- manufactured acc. to HD 21.12
- rated voltage Uo/U: 300 / 300 V
- test voltage : 2 kV
- insulation resistance at 70 °C, min 2 x 10^{10} Ω.cm
- maximum conductor temperature: + 90 °C
- max. conductor temperature at short circuit for 5 s : +160 °C
- temperature of environment: mobile: - 5 °C to +80 °C; fixed: -20 °C to +50 °C
- minimum temperature during installation: - 5 °C
- minimum bending radius: mobile : 15D; fixed : 4D (D - diameter or height of cable)
- flame test: flame-retardant acc. to IEC 60332-1
- sheath colour: white, black or other upon request

Cable design

- copper conductors class 5 acc. to IEC 60228
- insulation: PVC compound type TI3 according to HD 21.1
- sheath: PVC compound type TM3 according to HD 21.1
- **H03V2V2-F** : twisted cores - circular
- **H03V2V2H2-F** : cores laid parallel - flat

Core identification in accordance to HD 308 S2

No of cores	Cables without protective conductor	Cables with protective conductor
2	brown, blue	-
3	brown,black, grey	green-yellow, blue, brown
4	blue, brown, black, grey	green-yellow, brown, black, grey

No of conductors and cross section No x mm^2	Cable size mm	Copper weight kg/km	Cable weight kg/km
H03V2V2-F			
2 x 0,5	5,0	9,6	36
3 x 0,5	5,3	14,4	43
4 x 0.5	5,8	19,2	54
2 x 0,75	5,5	14,4	45
3 x 0,75	5,8	21,6	55
4 x 0.75	6,4	28,8	69
H03V2V2H2-F	**Height x Width**		
2 x 0,5	3,2 x 5,1	9,6	27
2 x 0,75	3,4 x 5,6	14,4	35