


60227 IEC 42



Application

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

Technical data

- manufactured acc. to IEC 60227-5
- rated voltage U_0/U : 300 / 300 V
- test voltage : 2 kV
- insulation resistance at 70 °C, min 2×10^{10} $\Omega \cdot \text{cm}$
- maximum conductor temperature: + 70 °C
- max. conductor temperature at short circuit for 5 s : +160 °C
- temperature of environment: mobile: - 5 °C to +50 °C; fixed: -30 °C to +50 °C
- minimum temperature during installation: - 5 °C
- minimum bending radius: mobile : 15D; fixed : 4D (D - height of cable)
- flame test: flame-retardant acc. to IEC 60332-1
- Approval - 

Cable design

- copper conductors class 6 acc. to IEC 60228
- insulation: PVC compound type PVC/D according to IEC 60227-1

Core identification: white, black, double-coloured or other upon request

Number of Conductors and Cross Section No x mm ²	Cable size		Copper Weight kg/km	Cable Weight kg/km
	Heigh	Width		
	mm	mm		
2 x 0,5	2,6	5,1	9,6	24
2 x 0,75	2,8	5,5	14,0	31