



CABLE STRUCTURE

Conductor	Electrolytic annealed, class 6 stranded plain copper wires (tinned conductor on request)
Insulation	El4 type cross-linked elastomeric compound, EPR (EN 50363-1)
Bedding	Textile yarns
Sheath	Textile yarn braiding
Color	Grey/White, Blue/White or Black

MAIN CHARACTERISTICS

Construction	EN 50525-2-22, VDE 0285-525-2-22, IEC 60245-8
General Requirements	EN 50525-1, VDE 0285-525-1, IEC 60245-1
Guide to Use	EN 50565-1/2 , VDE 0298-565-1
Electrical Tests	EN 50395, IEC 60245-2
Non-electrical Tests	EN 50396, IEC 60245-2
Conductor Resistance	IEC 60228, VDE 0295
Flame Retardant	IEC 60332-1-2, VDE 0482-332-1-2

OPERATING CHARACTERISTICS

Rated Voltage	300/300 V (U ₀ /U)
AC Test Voltage	2 kV
Operating Temperature	-20°C to +60°C
Conductor Short-Circuit Temp.	200°C (Max. 5 sec)
Min. Handling Temp.	5°C
Min. Bending Radius	EN 50565-1 Tab. 3
Current Carrying Capacities	VDE 0298-4 Tab. 11

APPLICATIONS

These rubber insulated cables with textile braid sheath are mainly used in household appliances and mainly for electrical iron cords. They are also available to use for ovens and roaster where accidental contact with hot surfaces are possible.



Cross Section (mm ²)	Nominal Overall Diameter (mm)	Approximate Weight (kg / km)	Min.Bending Radius (free movement) (mm)	Max. Resistance of Conductors at 20°C (ohm / km)
3x0,75	7,1	58	28	26
3x1	7,3	71	29	19,5
3x1,5	7,5	89	30	13,3