



CABLE STRUCTURE

Conductor	Electrolytic annealed, class 5 stranded plain copper wires (tinned conductor on request)
Seperator	A suitable tape may be applied over the conductor
Insulation	El4 type cross-linked elastomeric compound, EPR (EN 50363-1)
Sheath	EM2 type cross-linked elastomeric compound (EN 50363-2-1)
Color	Black

MAIN CHARACTERISTICS

Construction	EN 50525-2-21, VDE 0285-2-21, IEC 60245-4
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
Oil Resistant	EN 60811-404, VDE 0473-811-404

OPERATING CHARACTERISTICS

Rated Voltage	300/500 V (U ₀ /U)
AC Test Voltage	2 kV
Operating Temperature	
<i>In Flexing Use</i>	-25°C to +60°C
<i>In Fixed Use</i>	-40°C to +90°C
Conductor Short-Circuit Temp.	200°C (Max. 5 sec)
Min. Installation Temp.	-25°C
Min. Bending Radius	EN 50565-1 Tab. 3
Current Carrying Capacities	VDE 0298-4 Tab. 11

APPLICATIONS

These cables are available to use in both low and medium stressed subjects; as connection of fixed and mobile equipment connections such as household and office equipments. They can be used indoor, outdoor, damp places, oily, dry and wet environments.



Cross Section (mm ²)	Nominal Overall Diameter (mm)	Approximate Weight (kg / km)	Min.Bending Radius mm (free movement)	Max. Resistance of Conductors at 20°C (ohm / km)
2x0,75	6,20	53	25	26,00
2x1	6,80	66	27	19,50
3x0,75	6,80	67	27	26,00
3x1	7,20	79	29	19,50
4x0,75	7,40	80	30	26,00
4x1	7,85	94	31	19,50