



◀HARD▶

EAC

UK
CA



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	EM3 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 (In flexing use)	-25°C to +60°C (Without mechanical shocks)
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, temporary outdoor, damp places, dry and wet environments. It's not suitable for permanent outdoor use.



FLAME RETARDANT



OIL RESISTANT



UV RESISTANT



OZONE RESISTANT

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)
2x0,75	6,20	53	25	26,00
2x1	6,80	66	27	19,50
2x1,5	8,20	97	33	13,30
2x2,5	9,40	133	38	7,98
2x4	11,00	190	44	4,95
3x0,75	6,80	67	27	26,00
3x1	7,20	79	29	19,50
3x1,5	8,70	115	35	13,30
3x2,5	10,00	164	40	7,98
3x4	11,70	234	47	4,95
3x6	13,20	314	66	3,30
4x0,75	7,40	80	30	26,00
4x1	7,85	94	31	19,50
4x1,5	9,70	145	39	13,30
4x2,5	11,05	203	44	7,98
4x4	13,10	299	66	4,95
4x6	14,62	398	73	3,30
5x0,75	8,30	98	33	26,00
5x1	8,80	115	35	19,50
5x1,5	10,60	172	42	13,30
5x2,5	12,40	249	62	7,98
5x4	14,50	361	73	4,95