



CABLE STRUCTURE

Conductor	Electrolytic annealed, class 5 stranded tinned copper wires
Seperator	A suitable tape may be applied over the conductor
Insulation	EI4 type cross-linked elastomeric compound, EPR (EN 50363-1)
Sheath	EM7 type cross-linked elastomeric compound (EN 50363-2-1)
Color	Black

MAIN CHARACTERISTICS

Construction	Based on EN 50525-2-21, IEC 60502-1, BS 7655-1.2, IEC 60245-4
General Requirements	EN 50363-2-1
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	VDE 0473-811-404, EN 60811-404

OPERATING CHARACTERISTICS

Rated Voltage	600/1000 V (U_0/U)
AC Test Voltage	4 kV
Operating Temperature	-40°C to +90°C
Conductor Short-Circuit Temp.	250°C (Max. 5 sec.)
Min. Installation Temp.	-25°C
Min. Bending Radius	Based on EN 50565-1 Tab. 3
Current Carrying Capacities	VDE 0298-4 Tab.13 , IEC 60364-5-52 Tab. B.52.12 & Tab. C.52.1

APPLICATIONS

These rubber sheathed single core cables are used as Anode and DC feeder cable in cathodic protection systems for buried structures. Main areas that used are; pipelines, storage tanks, wells, metal structures and vessels. Due to it characteristics it can be used in wet, oily and damp places. They are resistant to chemicals, moisture, water and corrosive gases.



FLAME RETARDANT



OIL RESISTANT



UV RESISTANT



HEAT 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)
1x10	11,50	215	1,95	35
1x16	13,00	296	1,24	52
1x25	15,60	429	0,795	62
1x35	16,50	531	0,565	66
1x50	17,80	674	0,393	71
1x70	19,70	880	0,277	79
1x95	22,10	1130	0,21	88