CABLE STRUCTURE

Conductors	Electrolytic, stranded, plain annealed copper wire Class 6 according to IEC 60228
Insulation	Cross linked polyethylene compound (XLPE) or PVC on request
Core Identification	Black cores with white numbers
Lay Up	Cores laid up in concentric layers , over lay up textile tape wrapped
Suspension Support	Galvanized steel wire ropes at both sides
Outer Sheath	Special PVC Compound
Color	Black

STANDARDS &MAIN CHARACTERISTICS

Construction	Generally to IEC 227 and VDE 0295
Flame Retardant	IEC 60332-1
Oil Resistant	HD/EN/IEC 60811-2-1, DIN VDE 0473 part 811-2-1

OPERATING CHARACTERISTICS

Rated Voltage	300 / 500 V
Ac Test Voltage	2000 V
Min Bending Radius	10 x D (fixed application) 20 x D (mobile application)
Current Carrying Capacity	According to DIN VDE 0298-4
Working Tempature	
Fixed Installation	- 40 °C up to + 70 °C
Mobile Operation	- 25 °C up to + 70 °C
Max. Tensile Load On Conductor	15 N / mm^2
Max. Suspended Height	80 meters
Pulling Force	2100 N for each steel core

Application

These pendant cables are used as control or feeder cables in lifts and hoists. The two steel load bearing elements can be detached without damaging the outer sheath and fixed independently from the cable gland The cable offers high flexibility at lower temperatures due to the quality of material used in the construction. The two special torsion-free steel supporting elements found parallel on both sides of the outer jacket are. These cables are not suitable for drum reeling installations.

Moisture Resistant
Uv Resistant
Ozone Resistant

Cross Section (mm²)	Overall Diameter Min. - Max. (mm)	Approximate Weight (kg / km)
5 x 1,5	10,0 x 20,0 ± % 5	210
6 x 1,5	10,3 x 19,0 ± % 5	255
8 x 1,5	12,5 x 22,0 ± % 5	300
10 x 1,5	12,4 x 21,0 ± % 5	330
12 x 1,5	13,0 x 23,0 ± % 5	350
14 x 1,5	13,4 x 22,0 ± % 5	405
16 x 1,5	15,5 x 25,5 ± % 5	440
20 x 1,5	16,5 x 27,5 ± % 5	525
24 x 1,5	19,9 x 29,5 ± % 5	575