

PENDANT CABLES

LIFT-2S



ELETTROTEK KABEL® LIFT-2S

Construction:

Conductor:	Flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
Insulation:	PVC special compound
Cores color:	white or black cores with consecutive numbers green-yellow earth-wire from 3 cores
Wrapping:	multi-layer wrapping
Supporting braid:	two steel
Outer sheath:	special PVC compound
Sheath color:	black (RAL 9005)

Features:

- ▶ Ozone resistant
- ▶ UV resistant
- ▶ moisture water resistant
- ▶ low abrasion
- ▶ high notch resistant
- ▶ for SPEEDS and MINIMUM BENDING RADIUS see pages 1,2,3,4,5,6 of catalogue

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Test voltage:	2,5 kV
Temperature range	
Fixed installation:	-40°C up to +70°C
Flexible application:	-25°C up to +60°C
Max. temperature on conductor:	
in service:	+ 90°C
short circuit:	+ 250°C
Min. bending radius:	10 x d
Max. suspension height:	50 mt.
Resistance:	Fire performance: PVC self-extinguishing and flame retardant acc.to DIN VDE 0482 part 265-2-1/EN50265-2-1/IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)



Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Max. tensile load N	AWG no. *)
03160D7A061M10	6G1	12	57,6	105	1000	18
03160D7A121M10	12G1	14,9	115,2	210	1000	18
03160D7A181M10	18G1	17,1	172,8	312	1000	18
03160D7A251M10	25G1	21	240	432	1000	18
03160D7A301M10	30G1	21,9	288	520	1000	18
03160D7A081M15	8G1,5	14,9	115	300	1000	16
03160D7A121M15	12G1,5	16,5	172,8	350	1000	16
03160D7A151M15	15G1,5	18,6	230	390	1000	16
03160D7A181M15	18G1,5	19,3	259	468	1000	16
03160D7A201M15	20G1,5	21	288	520	1000	16
03160D7A241M15	24G1,5	22,6	346	624	1000	16
03160D7A301M15	30G1,5	24	432	700	1000	16

Other construction and sizes are available on request

LIFT-1S UL

ELETTROTEK KABEL® LIFT 1S UL
UL subject 2562 for pendant cable,
UL 105°C 600 V, CSA AWM III A/B 105°C 600 V

Construction:

Conductor:	Finely stranded red copper acc.to ASTM B-3 or ASTM B-174
Insulation:	PVC compound 105°C acc. to UL 62, CSA C22.2 No.210.2
Cores color:	acc. to ICEA Method 1-E1 (K-1)
Stranding:	in layer with fibrillated polypropylene filler
Wrapping:	polyester tape
Supporting braid:	one steel galvanized with a black nylon covering arranged parallel with the cabled core assembly
Outer sheath:	PVC, black (RAL 9005), acc. to UL 62, CSA C22.2 No.210.2

Technical data:

Nominal voltage:	U ₀ /U 600 V
Test voltage:	2 kV
Temperature range:	(UL) / c(UL) Fixed laying: -25°C up to +105°C Flexible application: -25°C up to +105°C
Min. bending radius:	10 x d
Resistance:	Self-extinguishing and flame retardant: acc. to DIN VDE 0482 part. 265-2-1, EN 50265-2-1, IEC 60332-1 UL type MTW, VW-1, CSA AWM, FT-1

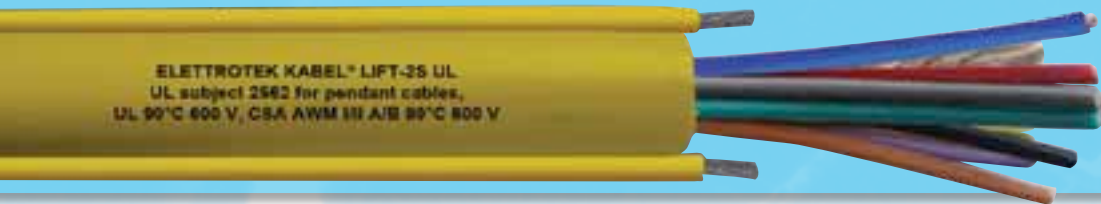
Features:

- ▶ **UL subject 2562 for pendant cables**
- ▶ **UL 105°C 600 V**
- ▶ **CSA AWM III A/B 105°C 600 V**
- ▶ **Ozone resistant**
- ▶ **UV resistant**
- ▶ **moisture water resistant**
- ▶ **low abrasion**
- ▶ **high notch resistant**
- ▶ **for SPEEDS and MINIMUM BENDING RADIUS**
see pages 1,2,3,4,5,6 of catalogue

Part no.	No. of cores x cross section n x mm ²	Outer-Ø inches / mm ± 10%	Copper weight Lbs/Mft - kg/km	Cable weight approx. Lbs/Mft - kg/km	Max. tensile load N	AWG no. *)
03170F7K041A16	4 G1,5	0,675 x 0,445 - 17,1 x 11,3	-	134 - 199,4	1000	16
03170F7K061A16	6 G 1,5	0,75 x 0,52 - 19 x 13,2	-	171 - 254,4	1000	16
03170F7K081A16	8 G1,5	0,845 x 0,615 - 21,5 x 15,6	-	213 - 317	1000	16

Other construction and sizes are available on request

LIFT-2S UL



Construction:

Conductor:	Finely stranded red copper acc.to ASTM B-3 or ASTM B-174
Insulation:	PVC/Nylon special compound
Color code:	acc. to ICEA Method 1-E2 (K-2)
Stranding:	in layers with central PVC filler (if necessary)
Wrapping:	mylar tape
Supporting braid:	two steel galvanized with a black nylon covering arranged parallel with the cabled core assembly
Outer sheath:	PVC, yellow

Technical data:

Nominal voltage:	U ₀ /U 600 V
Test voltage:	2 kV
Temperature range:	(UL) / c(UL)
Fixed laying:	-25°C up to +90°C
Flexible application:	-25°C up to +90°C
Min. bending radius:	10 x d
Resistance:	Self-extinguishing and flame retardant: acc. to DIN VDE 0482 part. 265-2-1, EN 50265-2-1, IEC 60332-1 UL type MTW, V W-1, CSA AWM, FT-1

Features:

- ▶ UL subject 2562 for pendant cables
- ▶ UL 90°C 600 V
CSA AWM I/II A/B 90°C 600 V
- ▶ for SPEEDS and MINIMUM BENDING RADIUS
see pages 1,2,3,4,5,6 of catalogue

Part no.	No. of cores x cross section n x mm ²	Outer-Ø inches/mm ± 10%	Copper weight Lbs/Mft - kg/km	Cable weight approx. Lbs/Mft - kg/km	Max. tensile load N	AWG no.*)
03180FYU081A16	8G1,5	0,895 x 0,490 - 22,7 x 12,4	-	219 - 325,9	1000	16
03180FYU121A16	12G1,5	0,972 x 0,546 - 24,7 x 13,9	-	263 - 391,4	1000	16
03180FYU161A16	16G1,5	1,030 x 0,624 - 26,2 x 15,8	-	318 - 473,2	1000	16
03180FYU241A16	24G1,5	1,195 x 0,760 - 30,3 x 19,3	-	430 - 640	1000	16

Other construction and sizes are available on request