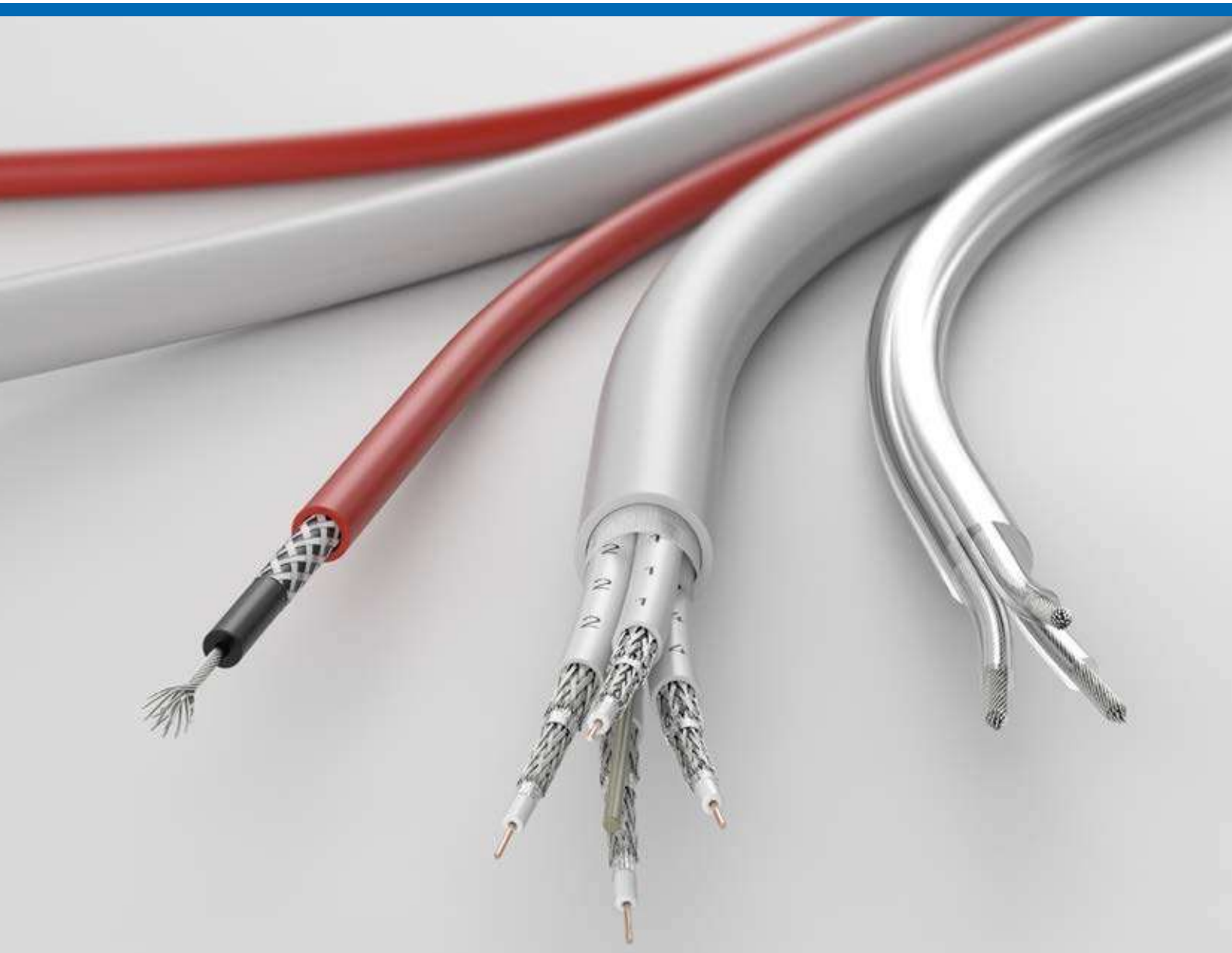
SPECIAL CABLES



KLASING
SPEZIALKABEL
THE CABLE MAKER

H-FLEX-TR

Transparent lighting cable, halogenfree

APPLICATION

Connecting cable used for designer lights and strip lights

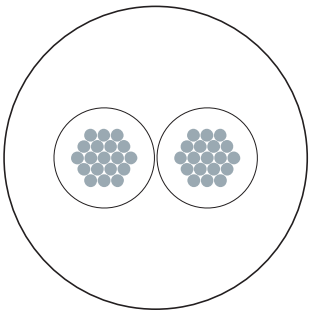
CONSTRUCTION

Conductor	Copper, tin-plated
Stranding	19 strands
Insulation	Special TPE, halogenfree
Colours	transparent
Laying	in lays 2-core: without laying
Jacket	Special TPE, halogenfree
Jacket colour	transparent
Surface marking	optional

TECHNICAL DATA

Test voltage	2000 V
Insulation resistance	max. 26,7 Ohm/km
Conductor resistance	acc to DIN VDE 0295
Nom voltage rating Uo/U	300 / 300 V
Temperature range static	-40°C to +80°C
Temperature range operating	-20°C to +80°C
Bending radius once/repeated	7,5 x / 15 x outer diameter

No of Cores + Cross Section mm^2	**Copper Index** (kg/km)	**Weight** (appr. kg/km)	**Width / Outer Ø** ca. mm	**P/N**
2 X 0,75	15	32	4,60	06018034
3 G 0,75	22,5	37	4,80	06018844
5 G 0,75	37,5	64	6,40	06015956



FLEX-TR

Transparent lighting cable

APPLICATION

Connecting cable used for designer lights and strip lights

CONSTRUCTION

Conductor	Copper, tin-plated
Stranding	19 strands
Insulation	Special TPE, halogenfree
Colours	transparent, marked with coloured strips or inside yarns
Laying	in lays 2-core: without laying
Jacket	Special TPE, halogenfree
Jacket colour	transparent
Surface marking	optional

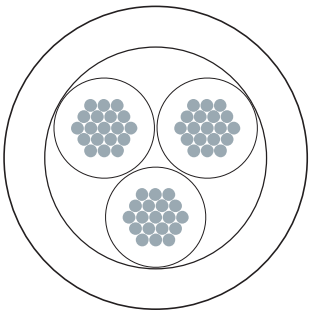
TECHNICAL DATA

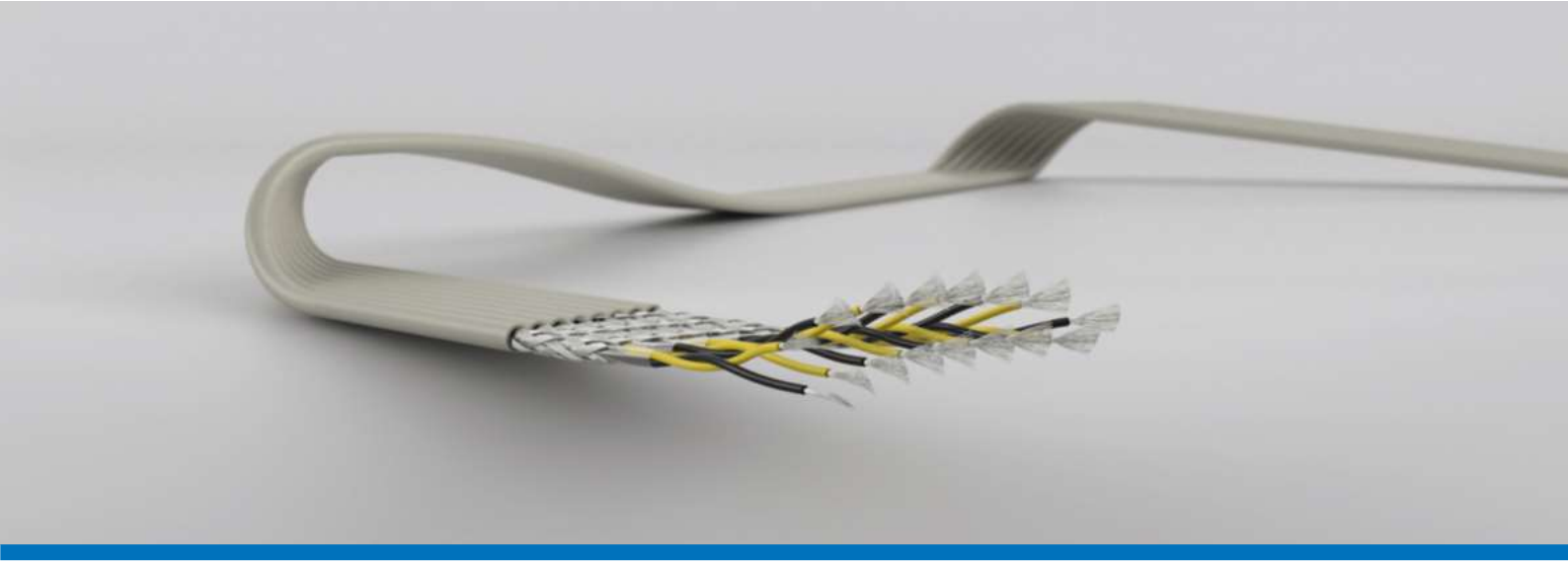
Test voltage	2000 V
Insulation resistance	max. 26,7 Ohm/km
Conductor resistance	acc to DIN VDE 0295
Nom voltage rating Uo/U	300 / 300 V
Temperature range static	-40°C to +80°C
Temperature range operating	-20°C to +80°C
Bending radius once/repeated	7,5 x / 15 x outer diameter

REMARKS

Available also in halogenfree version

No of Cores + Cross Section mm²	**Copper Index** (kg/km)	**Weight** (appr. kg/km)	**Width / Outer Ø** ca. mm	**P/N**
2 x 0,75	15	41	5,40	06019048
3 x 0,75	22,5	48	5,70	06019771
4 x 0,75	30	59	6,30	06019772
5 x 0,75	37,5	74	7,00	06019773





Microflex PCS 8x2x0,14 mm²

Shielded flat cables in pairs

APPLICATION

Special shielded cores in pairs,
construction in flat form for narrow feedthrough

CONSTRUCTION

Conductor	Copper, tin-plated
Stranding	7 x 0,16
Insulation	Special PVC
Colours	bk, ye
Pair shielding	Cu braid, tin-plated
Jacket	PVC
Jacket colour	grey, similar to RAL 7032
Surface marking	optional

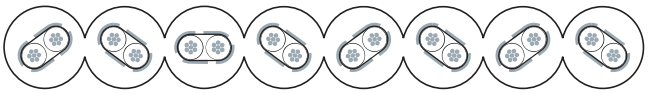
TECHNICAL DATA

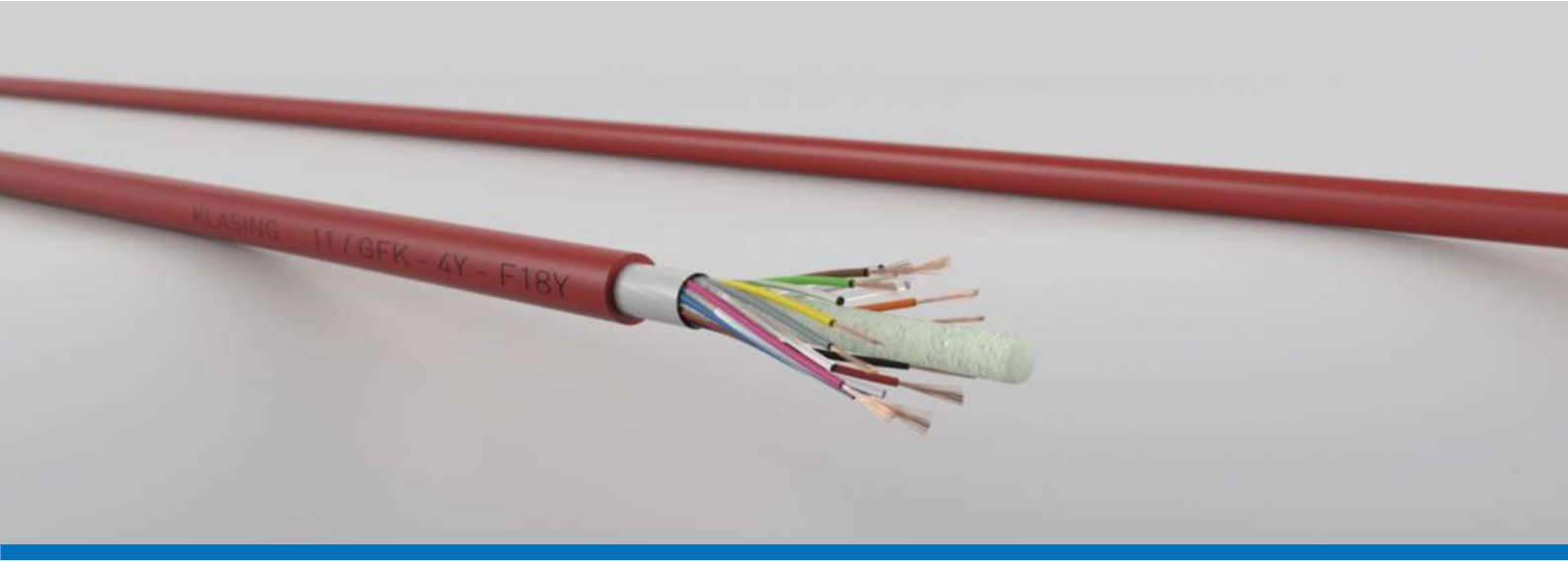
Insulation resistance	min 20 MOhm*km
Conductor resistance	max. 140 Ohm/km
Operating voltage	max. 250 V
Temperature range static	-30°C to +70°C
Temperature range operating	-10°C to +70°C
Bending radius once/repeated	10 x / 20 x thickness
Flame retardant	IEC 60332-1-2
Test voltage C/C	1200 V
Test voltage C/S	800 V

REMARKS

Other dimensions possible

No of Cores + Cross Section mm²	**Copper Index** (kg/km)	**Weight** (appr. kg/km)	**Width / Outer Ø** ca. mm	**P/N**
8 x 2 x 0,14	85,6	163	3,60 x 28,80	04016597





Pushrod Cable 11x0,15 mm²

Pushrod cable with copper cores

APPLICATION

Usage in canal tubes (as TV cable);
chemical resistant, high mechanical toughness

CONSTRUCTION

Conductor	bare copper
Stranding	19 x 0,102 mm
Insulation	Polyamid (4Y)
Colours	optional
Laying	11 cores over the GFK
Wrapping	PTFE foil
Jacket	Special Polyolefin (18Y)
Jacket colour	red, similar to RAL 3000 (optional)
Surface marking	optional

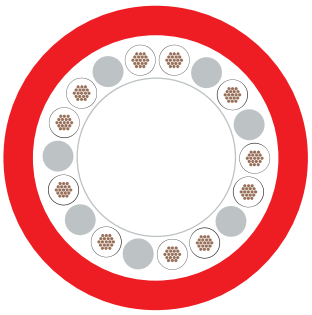
TECHNICAL DATA

Insulation resistance	min 200 MOhm*km
Conductor resistance	max 130 Ohm/km
Operating voltage	max 30 V
Temperature range static	-40°C to +80°C
Temperature range operating	-20°C to +80°C
Bending radius once/repeated	15 x / 30 x outer diameter
Test voltage C/C	1000 V

REMARKS

Also available with overall shield and other copper cores

No of Cores + Cross Section mm²	**Copper Index** (kg/km)	**Weight** (appr. kg/km)	**Width / Outer Ø** ca. mm	**P/N**
11 x 0,15	16,5	109	9,30	06015697



Ground Wire LiCY (ESUY)

Copper ground wire with additional braid

APPLICATION

using as safety earth wire or bonding lead wire

CONSTRUCTION

Conductor	fine stranded copper with additonal braid
Stranding	10 and 16 mm²: 0,07 mm strands
	> 25 mm²: 0,10 mm strands
Insulation	clear PVC

TECHNICAL DATA

Test voltage	5000 V
Insulation resistance	min. 20 MOhm*km
Temperature range static	-40°C to +80°C
Temperature range operating	-10°C to +70°C
Bending radius once/repeated	7,5 / 12 x outer diameter

REMARKS

also without braid possible (LiY ESY)

No of Cores + Cross Section mm²	**Copper Index** (kg/km)	**Weight** (appr. kg/km)	**Width / Outer Ø** ca. mm	**P/N**
10	115	150	8,20	04007153
16	180	230	9,10	04006210
25	280	325	10,40	04001086
35	390	475	12,60	04001244
50	585	670	14,80	04001260
70	795	905	17,40	04006307
95	1220	1175	20,00	04001088
125	1360	1520	22,50	04001339