TRAXLINE CONTROL 200

Unshielded continuous bending hi-flex PVC control cables

Up to
2 million
motion cycles!

Up to
25 m
travel length!

TSUBAKI KABELSCHLEPP
TRAXLINE
*cables for
cable carriers*

$_c$ **UL** $_{US}$ CE

Developed for

- systems engineering and mechanical engineering
- crane and conveyor equipment
- monitoring, measuring and control cables
- light to medium loads

Properties

- hi-flex design
- oil-resistant
- UV-resistant
- REACH/RoHS II
- ozone-resistant

- metermarked
- CFC-free
- flame-retardant
- silicone-free
- high abrasion resistant

Design

Conductor:	bare copper wires class 5 in an optimized hi-flex design
Center element:	type-dependent
Core insulation:	PP
Core identification:	black with white numbers, protective conductor green/yellow
Core stranding:	conductor cores layered
Outer jacket:	PVC
Jacket colour:	black

Technical Data

Temperature range while moved:	– 5 to + 80 °C
Minimum bend radius while moved:	$KR_{min} \geq 10 \times \varnothing$
v_{max} supported:	3.5 m/s
v_{max} gliding:	2 m/s
a_{max}:	10 m/s^2
Insulation resistance:	$\geq 30\ M\Omega \times km$
Rated voltage:	according to VDE 300/500 V according to UL 300 V
Approvals:	cURus, based on VDE

varying parameters possible – please contact us

**Core insulation
PP**
layered

**Outer jacket
PVC**
valley-sealed extruded
hi-flex design
UV-resistant
ozone-resistant
high abrasion-resistant

Jacket colour black
ozone-resistant
UV-resistant

Picture obtainable.

Type selection

TRAXLINE CONTROL 200 – unshielded

core number x nominal-cross-section in mm²	part number	max. Ø mm	cable weight kg/m	copper weight kg/m
2 x 0.5²	**47351**	4.5	0.026	0.010
3 G 0.5²	**47352**	4.7	0.031	0.014
4 G 0.5²	**47353**	5.1	0.037	0.019
5 G 0.5²	**47354**	5.5	0.045	0.024
7 G 0.5²	**47356**	6.5	0.062	0.034
12 G 0.5²	**47360**	7.6	0.090	0.058
18 G 0.5²	**47364**	9.0	0.131	0.086
25 G 0.5²	**47367**	11.4	0.195	0.120
3 G 0.75²	**47372**	5.5	0.043	0.022
4 G 0.75²	**47373**	6.1	0.055	0.029
5 G 0.75²	**47374**	6.6	0.066	0.036
7 G 0.75²	**47376**	7.7	0.088	0.050
12 G 0.75²	**47380**	9.3	0.134	0.086
18 G 0.75²	**47384**	11.2	0.197	0.130
25 G 0.75²	**47387**	13.9	0.290	0.180
3 G 1.0²	**47392**	6.0	0.054	0.029
4 G 1.0²	**47393**	6.5	0.067	0.038
5 G 1.0²	**47394**	7.0	0.079	0.048
7 G 1.0²	**47396**	8.3	0.109	0.067
12 G 1.0²	**47400**	10.2	0.168	0.115
18 G 1.0²	**47404**	12.2	0.243	0.173
25 G 1.0²	**47407**	15.1	0.363	0.240
3 G 1.5²	**47412**	6.6	0.071	0.043
4 G 1.5²	**47413**	7.1	0.087	0.058
5 G 1.5²	**47414**	7.7	0.105	0.072
7 G 1.5²	**47416**	9.2	0.144	0.101
12 G 1.5²	**47420**	11.5	0.230	0.173
18 G 1.5²	**47424**	13.4	0.330	0.259
25 G 1.5²	**47427**	16.8	0.491	0.360
4 G 2.5²	**47433**	8.9	0.141	0.096

**CABLE +
CONNECTOR**
can be supplied ready for connection

Subject to change.

Additional cable types upon request.

Sales terms and delivery conditions under kabelschlepp.de