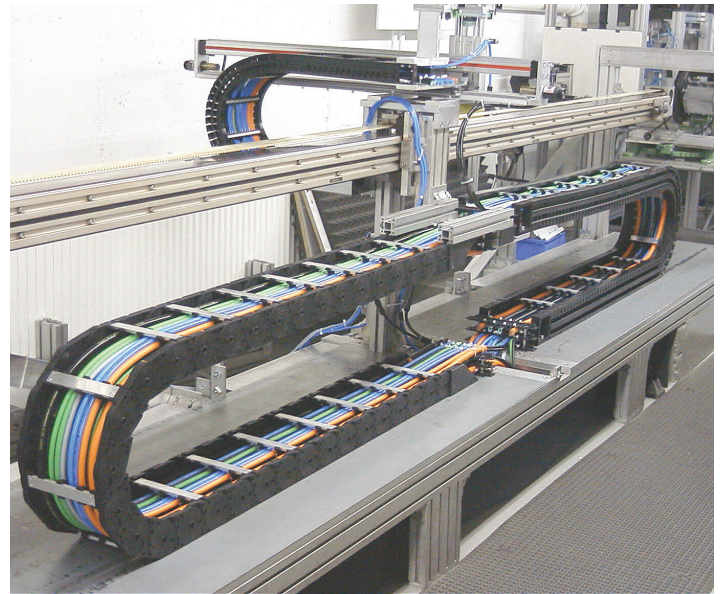


Cables for Motion Quick Reference Guide



Program Offerings

The Tsubaki KabelSchlepp cable offerings include a wide range of cables to fit your specific application needs. All cables are continuous-flex cables and are in stock and available for immediate shipment. There are no minimum quantities or cutting costs and they will be delivered to your specific requirements and application needs.



Quality Assurance







Tsubaki KabelSchlepp cable ranges meet the highest quality standards and are available in a wide variety of conductor counts, ranging from 1 through 25, to ensure there is a size for everyone. Each cable is produced with an outer PVC or PUR jacket highlighted by its high-flex design and high abrasion resistance. All cables can also be ordered with or without shielding. There are even cables available for order that have been pre-assembled according to OEM standards.




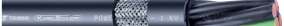





Overview of Cable Types

Cable Type	Outer Jacket	Shield	Factor for KRmin= n x Ø cable	Temperature moved	Color type- department	Halogen-free	Flame-retardant	Oil-resistant	Vmax supported (m/s)	Vmax gliding (m/s)	a _{max} (m/s ²)	Diameter mm ² / Type/Other	Core number
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CONTROL CABLES

CONTROL 200		PVC	-	10	-5 to +80 °C	black/ grey	-	✓	✓	3.5	2	10	0,5 ² to 2,5 ²	2-25
CONTROL 200 C		PVC	✓	10	-5 to +80 °C	black/ grey	-	✓	✓	3.5	2	10	0,5 ² to 1,5 ²	2-25
CONTROL 400-600 V		PVC	-	7.5	-5 to +80 °C	black/ grey	-	✓	✓	10	5	20	0,5 ² to 2,5 ²	2-30
CONTROL 400 C-600 V		PVC	✓	7.5	-5 to +80 °C	black/ grey	-	✓	✓	10	5	20	0,5 ² to 1,5 ²	3-36
CONTROL 700-600 V		PUR	-	7.5	-30 to +90 °C	black/ grey	✓	✓	✓	20	5	50	0,5 ² to 2,5 ²	2-36
CONTROL 700 C-600 V		PUR	✓	7.5	-30 to +90 °C	black/ grey	✓	✓	✓	20	5	50	0,5 ² to 1 ²	2-25








POWER CABLES

POWER 400 1 KV		PVC	-	7.5	-5 to +80 °C	black	-	✓	✓	5	3	20	1,5 ² to 70 ²	2-25
POWER 400 C 1 KV		PVC	✓	7.5	-5 to +80 °C	black	-	✓	✓	5	3	20	1,5 ² to 35 ²	4-7
POWER 700 1 KV		PUR	-	7.5	-30 to +90 °C	black	✓	✓	✓	20	5	50	1,5 ² to 185 ²	2-36
POWER ONE 700 1 KV		PUR	-	7.5	-40 to +90 °C	black	✓	✓	✓	20	5	50	0,25 ² to 700 ²	1
POWER ONE 700 PE		PUR	-	7.5	-40 to +90 °C	black	✓	✓	✓	20	5	50	1,5 ² to 95 ²	1
POWER 700 C 1 KV		PUR	✓	7.5	-30 to +90 °C	black	✓	✓	✓	20	5	50	1,5 ² to 150 ²	2-49
POWER ONE 700 C 1 KV		PUR	✓	7.5	-40 to +90 °C	black	✓	✓	✓	20	5	50	1,5 ² to 300 ²	1



DATA CABLES

DATA 400 C		PVC	✓	7.5	-5 to +80 °C	black/ purple	✓	✓	✓	20	5	50	0,25 ² to 0,34 ²	4-25
DATA 700		PUR	-	7.5	-30 to +90 °C	black/ purple	✓	✓	✓	20	5	50	0,25 ² to 0,34 ²	3-15
DATA 700 TPI C		PUR	✓	7.5	-30 to +90 °C	black/ purple	✓	✓	✓	20	5	50	0,25 ² to 1 ²	2-32
DATA 700 TPI CD DATA/POWER		PUR	✓	7.5	-30 to +90 °C	black/ purple	✓	✓	✓	20	5	50	0,25 ² to 1,5 ²	6-20

BUS-/FIBER OPTIC-/COAXIAL CABLES

Profibus 700 C		PUR	✓	15	-20 to +60 °C	purple/ black	✓	✓	✓	3.5	2	10	0,5 ²	2
CAN-BUS 700 C		PUR	✓	7.5	-30 to +70 °C	purple/ black	✓	✓	✓	3.5	2	10	0,5 ²	2-4
USB S 700 C		PUR	✓	10	-10 to +70 °C	purple	✓	✓	✓	3.5	2	10	(1x2x0,08 ² +2x0,5 ²)	4
Interbus 700 C		PUR	✓	12	-30 to +70 °C	purple/ black	✓	✓	✓	3.5	2	10	0,25 ² to 1 ²	9
CAT5E / CAT6 700 CD		PUR	✓	10	-20 to +60 °C	green/ black	✓	✓	✓	3.5	2	10	0,15 ² to 0,22 ²	8
Koax 700 C / 700 CD		PUR	✓	14	-5 to +50 °C	black	-	-	✓	3.5	2	10	HF 50/75	1-3
LVL 700		PUR	-	7.5	-30 to +90 °C	black	✓	✓	✓	4	4	10	50µ/62,5µ	6-12

OEM SYSTEM CABLES

SYSTEM S 700 C		PUR	✓	7.5	-30 to +90 °C	green	✓	✓	✓	6	3	8	0,14 ² to 0,5 ²	4-16
SYSTEM M 700 C		PUR	✓	7.5	-30 to +90 °C	orange	✓	✓	✓	6	3	8	1,5 ² to 50 ²	4-6

Pre-Assembled Cables

USB/CAT5E

USB S 700 C pre-assembled



CAT5E 700 C pre-assembled



SIGNAL CABLES Cables with connections compatible with OEM standards

Signal basic cables



Signal extension cables



POWER CABLES Cables with connections compatible with OEM standards

Power basic cables without brake wires



Power extension cables without brake wires



Power basic cables with brake wires



Power extension cables with brake wires

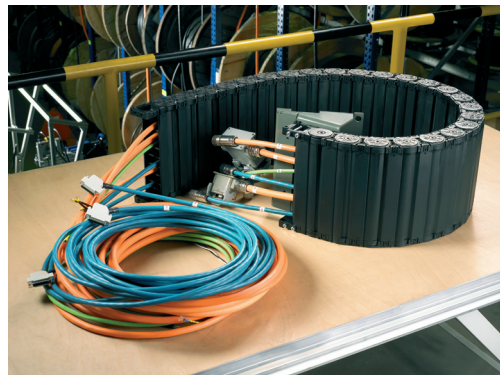
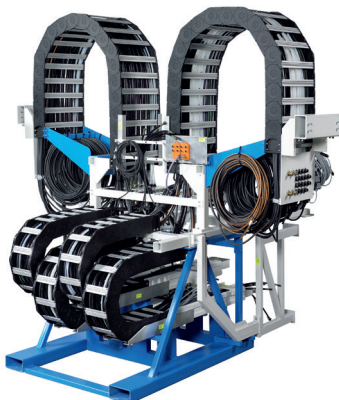


TOTALTRAX - From Design to the Complete System

Single-Source Solutions

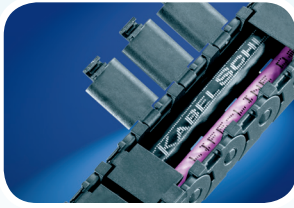
All cables are able to operate in Tsubaki KabelSchlepp's wide range of dynamic cable and hose carrier systems. Tsubaki KabelSchlepp also offers a complete service solution with its TOTALTRAX turn-key systems. These systems include everything the customer needs, with the service and dependability they have come to expect. Tsubaki KabelSchlepp can develop,

design, and supply all components required for a customer's individual cable and hose carrier system and will deliver it completely harnessed and ready to go, eliminating possible errors and downtime.



Full Cable & Hose Carrier Line-Up

Basic Nylon Carriers



- Micro
- EASYTRAX
- QUICKTRAX
- UNIFLEX

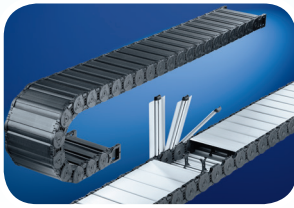
Vario-Line Modular Carriers



(Customizable widths & frame stays)

- K Series
- MC Series
- MK Series
- XL Series

Enclosed Tube Carriers



- UNIFLEX BT
- MT Series
- S Series
- CONDUFLEX

3D Motion Carriers



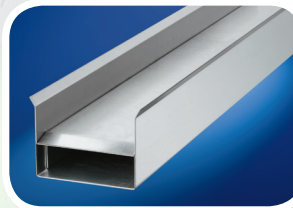
- ROBOTRAX

Steel Carriers



- LS Series
- S/SX Series
- Super-Duty

Accessories



- Guide Channels
- Support Trays
- Rollers
- Strain Relief
- and more

And don't forget about Tsubaki's other product offerings:

Roller Chain



- ANSI Chain
- Heavy Duty Chains
- Lambda® Lube-Free Chains
- Corrosion Resistant Chains
- Attachment Chains
- Specialty Chains

Engineering Chain



- Drive Chains
- Roller Conveyor Chains
- Overhead Conveyor Chains
- In-floor Conveyor Chains
- Steel Bushed Chains
- Specialty Chains

Sprockets



- ANSI Sprockets
- Stainless Steel Sprockets
- Split Taper Products
- Idler Sprockets
- Engineering Class Sprockets

PT Components



- Shock Relay Overload Protection
- POWER-LOCK® Keyless Locking Devices
- Gear Motors
- Torque Limiters
- Couplings

TSUBAKI

KABELSCHLEPP



Corporate Headquarters
U.S. Tsubaki Power Transmission, LLC
301 E. Marquardt Drive
Wheeling, IL 60090
Tel: (800) 323-7790
Fax: (847) 459-9515
www.ustsubaki.com



Roller Chain Division
821 Main Street
Holyoke, MA 01040
Tel: (800) 323-7790



Conveyor and Construction
Chain Division
1010 Edgewater Drive
Sandusky, OH 44870
Tel: (800) 537-6140
Fax: (419) 626-5194



KabelSchlepp Division
7100 W. Marcla Rd.
Milwaukee, WI 53223
Tel: (800) 443-4216
Fax: (414) 354-1900

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worldwide
For more information on
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