

Extracted system - Secure cable supply up to 13 m



Light:
Light and space-
saving design

Safe and strong:
Nylon straps for secure
guidance and high additional load

Cable friendly:
Ribbon holder with
integrated strain relief

Available in 2 sizes:
easy triflex® for easy
insertion of cables

Retracted system - Safe discard in a solid steel basket



Chamfered trough:
For safe operation

Robust drive plate:
For easy connection
to your application

Optimize for space:
Telescoping steel basket
for optimum use of space

Guide up to a height of 13 m with limited installation space - liftband

Modular, silent, space saving - guide media, energy and data up and down.

High vertical applications that have plenty of space horizontally but allow only for little system height can be implemented with the liftband

- Available in 2 sizes -
 - Inner width 25 mm and 32 mm
- 2 radii available - 175 mm and 250 mm
- Alternative to zig-zag solution
- Lighter and smaller installation space
- Vertical applications implemented with ease
- Max. expansion length: 13 m
- Simply press cables up to a diameter of 9/12 mm* into the e-chain®
- Pull cables up to 11/15* mm into the e-chain® (*depends on Series)

Typical industries and applications

- Stage technology
- Indoor cranes
- Mobile telescoping antennas



liftband test setup in the igus® in-house test lab

liftband | Technical Data



Speed, v	max. 1 m/s
Acceleration, a	max. 2 m/s ²
Lateral speed	max. 1 m/s
Lateral acceleration	max. 2 m/s ²

New in this catalog

liftband Series LB.E332.25 | e-chain® with "easy"-design - inner width 25 mm

Part No. liftband	Extension height [m]	Inner width Bi [mm]	Inner height hi [mm]	Bending radius max. R [mm]	Cable max. \varnothing [mm] *
LB.E332.25.2.175.1.01.0	1	25	2 x 13	175	∅ 9
LB.E332.25.2.175.2.01.0	2	25	2 x 13	175	∅ 9
LB.E332.25.2.175.3.01.0	3	25	2 x 13	175	∅ 9
LB.E332.25.2.175.4.01.0	4	25	2 x 13	175	∅ 9
LB.E332.25.2.175.5.01.0	5	25	2 x 13	175	∅ 9
LB.E332.25.2.175.6.01.0	6	25	2 x 13	175	∅ 9
LB.E332.25.2.175.7.01.0	7	25	2 x 13	175	∅ 9
LB.E332.25.2.175.8.01.0	8	25	2 x 13	175	∅ 9
LB.E332.25.2.175.9.01.0	9	25	2 x 13	175	∅ 9
LB.E332.25.2.175.10.01.0	10	25	2 x 13	175	∅ 9
LB.E332.25.2.175.11.01.0	11	25	2 x 13	175	∅ 9
LB.E332.25.2.175.12.01.0	12	25	2 x 13	175	∅ 9
LB.E332.25.2.175.13.01.0	13	25	2 x 13	175	∅ 9

Simply press cables up to a diameter of 9 mm into the e-chain/pull cables up to 11 mm into the e-chain

liftband Series LB.E332.32 | e-chain® with "easy"-design - inner width 32 mm

Part No. liftband	Extension height [m]	Inner width Bi [mm]	Inner height hi [mm]	Bending radius max. R [mm]	Cable max. \varnothing [mm] *
LB.E332.32.2.250.1.01.0	1	32	2 x 17	250	∅ 12
LB.E332.32.2.250.2.01.0	2	32	2 x 17	250	∅ 12
LB.E332.32.2.250.3.01.0	3	32	2 x 17	250	∅ 12
LB.E332.32.2.250.4.01.0	4	32	2 x 17	250	∅ 12
LB.E332.32.2.250.5.01.0	5	32	2 x 17	250	∅ 12
LB.E332.32.2.250.6.01.0	6	32	2 x 17	250	∅ 12
LB.E332.32.2.250.7.01.0	7	32	2 x 17	250	∅ 12
LB.E332.32.2.250.8.01.0	8	32	2 x 17	250	∅ 12
LB.E332.32.2.250.9.01.0	9	32	2 x 17	250	∅ 12
LB.E332.32.2.250.10.01.0	10	32	2 x 17	250	∅ 12
LB.E332.32.2.250.11.01.0	11	32	2 x 17	250	∅ 12
LB.E332.32.2.250.12.01.0	12	32	2 x 17	250	∅ 12
LB.E332.32.2.250.13.01.0	13	32	2 x 17	250	∅ 12

Simply press cables up to a diameter of 12 mm into the e-chain/pull cables up to 15 mm into the e-chain