

Heavy-Lift Helicopter Longline

Barry heavy-lift synthetic longline systems offer helicopter operators a lightweight, easy-handling and reliable option for external load/underslung applications.

System Includes

- Synthetic rope longline (Dyneema® fiber)
- HD shackle end-fittings with protector
- Protective HD double zipper jacket
- Electrical cable with connectors*
- Permanent ID tag
- Certificate of compliance (COC)
- User instructions manual
- Transport/storage bag

Optional / Accessories

- Load cell shackle with remote reader
- Weighted bottom end-cover for increased load-stability and velocity without load
- Jacket with external helix for vibration control
- Non-electric swivel hook at bottom end
- Custom hardware & accessories

Technical

- 10-year service and shelf life
- Supported by Airworthiness Analysis to FAA CFR Title 14, Parts 27 & 29
- Proof-loaded to WLL

* Standard electrical cable: 3C/14 SJTW/SJOOW 300V (Other gages, conductors and multiple wire configurations available upon request)

* Male/Female connectors supplied, to be installed by end-user



Double Zipper Longline Jacket



Optional Swivel Hook Installed at Bottom End



Optional Load Cell Shackle with Remote Reader

SPECIFICATIONS

Product Code	Diameter	Working Load Limit	Weight (for 100' w/ LLJZ-HL)
DLH-11500	7/8" (22 mm)	11 500 lb (5 216 kg)	56 lb (25.4 kg)
DLH-14000	1" (25 mm)	14 000 lb (6 350 kg)	58 lb (26.3 kg)
DLH-21000	1-1/4" (32 mm)	21 000 lb (9 525 kg)	105 lb (47.6 kg)
DLH-29000	1-1/2" (38 mm)	29 000 lb (13 154 kg)	120 lb (54.4 kg)

Standard lengths: 25', 50', 75', 100', 125', 150' and 200'
(Other lengths available upon request)

Max. shelf life	Max. service life	Max. combined life (shelf + service)
10 years	10 years	10 years

Important: Parts are considered on-condition throughout their shelf & service life and must pass inspections and maintenance recommendations as per the manufacturer's user instructions manual.

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