Barry D.E.W. Line® Dielectric Helicopter Longline

Product code : **see product code list**

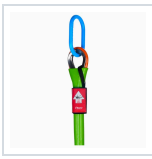
DESCRIPTION

The Barry D.E.W. (Dielectric Even Wet) Line® is the most advanced helicopter longline available. This insulating helicopter longline is designed for work in energized fields on high voltage systems (AC or DC).









Barry D.E.W. Line ® technology uses proprietary materials which offer unique insulating properties with exceptionally low leakage currents, whether dry or wet.

- **Working Load Limit:** 3 900 lb (1 769 kg)
- **Diameter:** 16 mm (5/8”)
- **Colour:** Orange with green terminations
- **Weight:** 31 lb (14.1 kg) for 100' (30 m)
- **Standard lengths:** 50', 75', 100', 125' and 150' (Other lengths available upon request)

System Includes

- Dielectric longline
- Master link at top end
- Stainless steel thimbles at both ends
- Permanent ID tag
- Certificate of compliance (COC)
- User instructions manual
- Transport/storage bag

Optional / Accessories

- Weighted bottom end-cover for increased load-stability and velocity without load*
- Swivel hook at bottom end
- Custom hardware

* Recommended weighted end-covers

- # LLEC-W25NC-NDR5: 25 lb (11 kg) weighted end-cover for Vne 60 knots without underslung load
- # LLEC-W50NC-NDR5: 50 lb (22 kg) weighted end-cover

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TECHNICAL SPECIFICATIONS

10-year service and shelf life	
Proof-loaded to 1.5 x WLL	
Supported by Airworthiness Analysis to	FAA CFR Title 14, Parts 27 & 29; EASA CS-27.865 & CS-29.865; EC Machinery Directive 2006/42/EC; NATO STANAG 2286; NATO STANAG 3542
Meets or exceeds the dry or wet electrical requirements of	ASTM F1701 - 12; IEC 62192:2009

Arc-Flash rated

- Resistant to 40 cal/cm^2 (category 4)

Flammability Rating

- Conforms to 14 CFR 25.853 Appendix F

Features

- Unique insulating properties
- Cleanable and easy to maintain and test
- Exceptionally low leakage current, whether dry or wet
- Protection from high fault current
- High strength
- Low elongation
- Lightweight and low volume
- Fully sealed and hydrophobic
- Smooth surface
- High abrasion resistance
- Easy to deploy
- Excellent resistance to UV
- Sealed termination at each end
- Easy storage in provided transport bag

Service and Shelf Life

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 and service life and must pass inspections and maintenance recommendations as per the manufacturer’s user instructions manual.

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PRODUCT CODE LIST (7)

Product code	Length (ft)
BLLNDR-025-3900	25 (ft)
BLLNDR-050-3900	50 (ft)
BLLNDR-075-3900	75 (ft)
BLLNDR-100-3900	100 (ft)
BLLNDR-125-3900	125 (ft)
BLLNDR-150-3900	150 (ft)
BLLNDR-200-3900	200 (ft)

PRODUCT PAGE AND REFERENCES

This sheet reflects the data published on the product page on the generation date. For the current version, scan the code or visit:
https://www.barry.ca/products/bllndr-barry-d-e-w-line-dielectric-helicopter-longline

User instructions manual : https://www.barry.ca/pages/instructions-manual-barry-synthetic-helicopter-longlines

Product page

User manual

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