

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

Product code : **BLLNDR-025-3900**

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

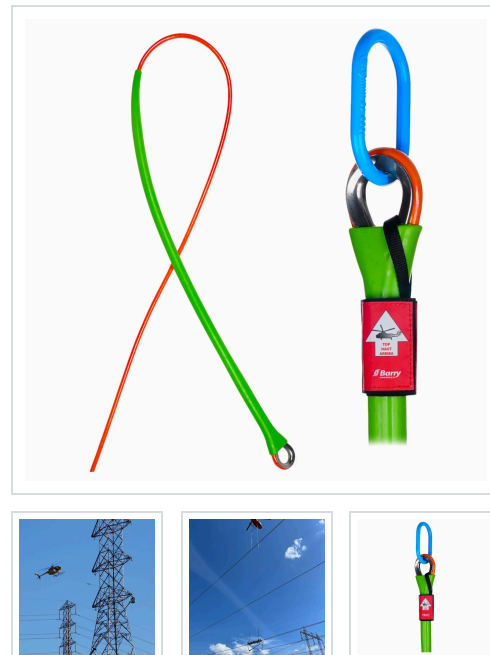
- Dielectric longline
- Master link at top end
- Stainless steel thimbles at both ends
- Permanent ID tag
- Certificate of compliance (COC)
- User instructions manual
- Transport/storage bag

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



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/cm² (category 4)

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.

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/blIndr-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