LOADBREAK ELBOW (ELB-25-210)

25 kV 200A

KEY FEATURES

- Peroxide cured EPDM rubber ensures low tension set and high dielectric strength
- 100% factory production tested for partial discharge and AC Hipot per IEEE 386 Standard
- Capacitive test point provided on elbow
- Fits 25 kV cables up to 250 kcmil
- Molded semiconducting shield provides ground shield continuity in accordance with IEEE 592
- Conforms to IEEE Standard 386

TE Connectivity's (TE) Raychem ELB-25-210 elbows are designed to terminate underground cables to high-voltage apparatus such as transformers and switchgear that are equipped with bushings. They are fully shielded and fully submersible and are designed in accordance to IEEE Standard 386. Loadbreak elbows are designed for use with standard hotstick tools, which allows a loadmake/break operation with a physical disconnect.

They are designed for use on extruded (XLPE or EPR) solid dielectric cable. The conductor range is from #1 AWG to 250 kcmil for aluminum or copper conductors with insulation diameters from 0.72" to 1.20".

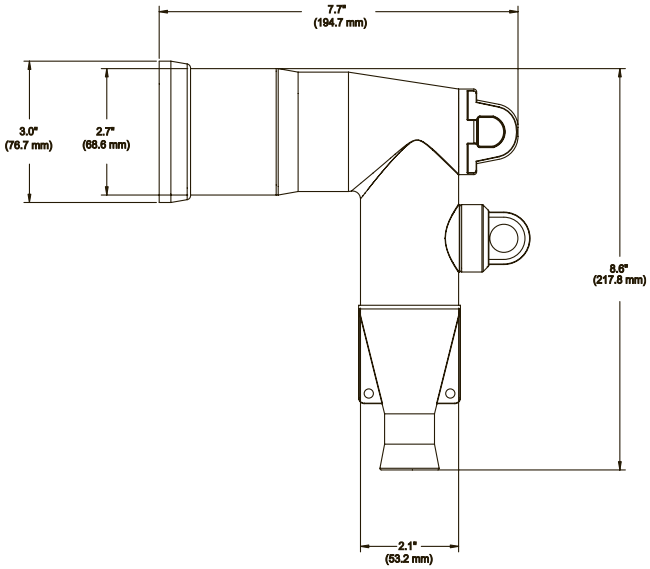
This 200A loadbreak elbow includes a copper top compression connector, which connects the cable with the loadbreak probe. Connector is easy to crimp, and suitable for aluminum and copper conductors, and forms a reliable connection.

Optional Integral Jacket Seal
The elbow can be ordered with an integral jacket seal (part number suffix –ES), which is an environmental seal molded to the elbow that prevents moisture ingress.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

ELB-25-210 Product Specifications

RATINGS	
Description	**25 kV**
Max Rating Phase-to-Ground	15.2 kV
Max Rating Phase-to-Phase	26.3 kV
BIL and Full Wave (Crest)	125kV
Continuous Current	200 A
Switching Current	200 A
Fault-closure Current for 0.17s after 10 Switching Operations	10,000 A symmetrical



Ordering Formula

ELB-25	1	2	3	4

1	Current Rating | Test Point Code
200 = 200 AMP WITHOUT test point	
210 = 210 AMP WITH test point	

2	Cable Insulator O.D. Range	
Code	Inches	mm
B	.72 - .88	18.3 - 22.4
BB	.85 - 1.01	21.6 - 25.7
C	.92 - 1.08	23.4 - 27.4
D	1.04 - 1.20	26.4 - 30.5

3	Compression Lugs | Conductor Size (Aluminum or Copper)		
Code	Str/ Comp	Compact	Solid
2	2	1	1
1	1	1/0	1/0
10	1/0	2/0	2/0
20	2/0	3/0	3/0
30	3/0	4/0	4/0
40	4/0	250	250

4	Jacket Sealing
Code	Type
Blank	No Jacket Seal
ES	Integral Jacket Seal

Related Test Reports

Test Reports: EDR 5581 (25 kV ELB), 5579 (25 kV LRTP/ETP), 5580 (25 kV ELB-BI), Applicable standards: IEEE 386; IEEE 592

Elbow Kit Contents:

Elbow body
Loadbreak probe
Silicone lubricant
Installation instructions sheet
Copper top terminal
Probe installation tool
Sealing mastic (integral seal only)

FOR MORE INFORMATION:
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