



RAYCHEM ELB-15-210

15 KV, 200A LOADBREAK ELBOW

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
- Capacitive test point
- Fits 15 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) ELB-15-210 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 – latest revision. 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 #2 AWG to 250 kcmil for aluminum or copper conductors with insulation diameters from 0.370" to 1.060".

This 200A Loadbreak elbow includes a copper top compression connector, which connects the cable with the loadbreak probe. This connector is easy to crimp, is 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.



RATINGS	
Description	15 kV
Minimum Partial Discharge	11
Max Rating Phase-to-Ground	8.3
Max Rating Phase-to-Phase	14.4
AC 60 Hz 1 Minute Withstand (rms)	34
DC 15 Minute Withstand	53
BIL and Full Wave (Crest)	95

Ordering Formula

ELB-15	1	2	3	4
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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
A	.575 - .740	14.6 - 18.8
B	.640 - .905	16.2 - 23.0
C	.830 - 1.060	21.1 - 26.9
D	.930 - 1.220	23.6 - 31.0

3	Compression Lugs Conductor Size (Aluminum or Copper)		
Code	Str/Comp	Compact	Solid
2	2	1	1
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



Production Tests:

AC 1 Minute Withstand 34 kV
Minimum Corona Level 11 kV (3pC)
Test Point Voltage Test

Related Test Report: EDR-5574

Elbow Kit Contents:

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

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