



## 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

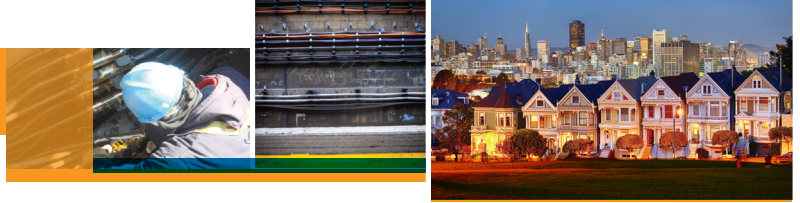
TE Connectivity's (TE) ELB-15-210 elbows are designed to terminate underground cables to high-voltage apparatus such as transformers and switchgear that are equipped with bushings. They are fully shielded and fully submersible and are designed in accordance to IEEE Standard 386 - latest revision. Loadbreak 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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**FOR MORE INFORMATION: TE Technical Support Centers**

- USA:    +1 (800) 327-6996
- Canada:    +1 (905) 475-6222
- Mexico:    +52 (0) 55-1106-0800
- Latin/S. America:                                +54 (0) 11-4733-2200
- UK:     +44 (0) 800-267666
- France:     +33 (0) 1-3420-8686
- Netherlands:                                     +31 (0) 73-6246-999
- China:    +86 (0) 400-820-6015