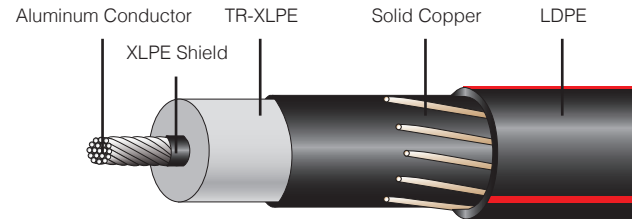


ALUMINUM WIRE & CABLE

Aluminum Primary Distribution

PRIMARY UD

15kV
133% Insulated
Concentric Copper Neutral



Part Number	AWG Size	Stranding	Nom. OD Over Insulation	Number of Wires	Size	Jacket Thickness	Approx. OD	Approx. Net Weight
220 Mil XLP/TRXLPE 15 kV UD Cable - Aluminum Conductor Reduced (1/3) Neutral								
2-0115KVALURDXUR	2	7	0.76	6	14	50	1.07	483
1/0-0115KVALURDXUR	1/0	19	0.84	6	14	50	1.15	560
2/0-0115KVALURDXUR	2/0	19	0.89	7	14	50	1.19	622
3/0-0115KVALURDXUR	3/0	19	0.94	9	14	50	1.24	705
4/0-0115KVALURDXUR	4/0	19	0.99	11	14	50	1.30	801
250-0115KVALURDXUR	250	37	1.05	13	14	50	1.38	914
350-0115KVALURDXUR	350	37	1.15	18	14	50	1.48	1125
500-0115KVALURDXUR	500	37	1.28	25	14	50	1.61	1421
220 Mil XLP/TRXLPE 15 kV UD Cable - Aluminum Conductor Full Concentric Neutral								
2-0115KVALURDXUF	2	7	0.76	10	14	50	1.07	483
1/0-0115KVALURDXUF	1/0	19	0.84	16	14	50	1.15	560
2/0-0115KVALURDXUF	2/0	19	0.89	13	12	50	1.19	622
3/0-0115KVALURDXUF	3/0	19	0.94	16	12	50	1.24	705
4/0-0115KVALURDXUF	4/0	19	0.99	13	10	50	1.30	801
250-0115KVALURDXUF	250	37	1.05	16	10	50	1.38	914
350-0115KVALURDXUF	350	37	1.15	16	9	50	1.48	1125
500-0115KVALURDXUF	500	37	1.28	29	10	50	1.61	1421

- All drawings, designs, specifications, plans and particulars of weights, sizes and dimensions contained in the technical or commercial documentation of Houston Wire & Cable Company is indicative only and shall not be binding on Houston Wire & Cable Company or be treated as constituting a representation on the part of Houston Wire & Cable Company. All data subject to change without notice.

APPLICATION:

Used for primary underground distribution. Suitable for use in wet and dry locations, installed in underground duct, or direct burial. Rated for 15,000 volts or less at a temperature of 90°C.

CONDUCTOR:

Aluminum alloy 1350-H19, compressed Class B stranding, or unilay-compressed per ASTM B 231, or combination unilay (19 wires) per ASTM B 78.

CONDUCTOR SHIELD:

Semi conducting cross-linked polyethylene (XLPE)

INSULATION:

- Thermoset tree-retardant cross-linked polyethylene (TR-XLPE)
- 133% Insulated (220 mils)

NEUTRAL:

Soft-annealed solid copper wires per ASTM B 3, helically applied and uniformly spaced.

JACKET:

Extruded to fill (encapsulated) black sunlight resistant low density polyethylene (LDPE), with three red extruded stripes.

ADDITIONAL STANDARDS:

- ICEA S-94-649: Standard for concentric neutral rated cables 5 to 46kV.

Primary UD