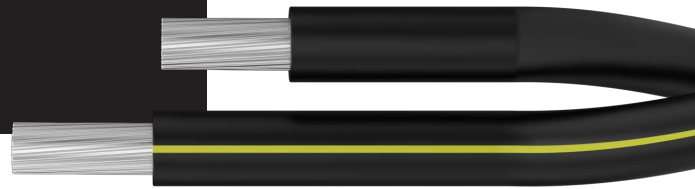




# URD Duplex UL Type USE-2, 1350 Aluminum Conductors, 90°C Dry or Wet, Rated 600 V



## APPLICATIONS

UL Type USE-2 conductors are used in conduit and direct burial for services, feeders, and branch circuits in residential, commercial or industrial applications in accordance with the NEC. The conductor is suitable for use in dry or wet locations at temperatures not to exceed 90°C. The conductor is rated 600 V.

## CONSTRUCTION

**Conductor:** Compact stranded 1350-H19 aluminum conductor.

**Insulation:** Abrasion, moisture, heat, and sunlight resistant crosslinked polyethylene (XLPE).

**Assembly:** Cabled assembly of 1 phase conductor and 1 neutral conductor.

## CONDUCTOR IDENTIFICATION

**Phase Conductors:** Black

**Neutral Conductor:** Black with 3 yellow stripes

**VOLTAGE RATING:** 600 V

## TEMPERATURE RATING

Dry or Wet	90°C
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## MINIMUM BENDING RADIUS

Overall Diameter: Less than or Equal to	1.000 in
Not Under Tension:	4x outer diameter
Under Tension (During Pull):	6x outer diameter
Overall Diameter:	Greater than 1.000 in
Not Under Tension:	5x outer diameter
Under Tension (During Pull):	7.5x outer diameter

## RATINGS AND MARKINGS

Sunlight resistant and marked  
RoHS Compliant

## STANDARDS

These cables are manufactured and tested to meet or exceed the following standards:

- ASTM B230 – Aluminum 1350-H19 Wire for Electrical Purposes
- ASTM B231 – Concentric-Lay-Stranded Aluminum 1350 Conductors
- ASTM B400 – Compact Round Concentric-Lay-Stranded Aluminum 1350 Conductors
- UL 854 – Service-Entrance Cables (USE-2)
- ICEA S-105-692 – 600 Volt Single Layer Thermoset Insulated Utility Underground Distribution Cables

## LISTINGS AND CERTIFICATIONS

UL listed as Type USE-2 – File E483097

Code Word	Phase			Neutral			Overall Diameter (in)	Weight	
	Conductor Size (AWG or kcmil)	Insulation Thickness (in)	Diameter (in)	Conductor Size (AWG or kcmil)	Insulation Thickness (in)	Diameter (in)		Al (lb/1000 ft)	Net (lb/1000 ft)
Bard	8	0.060	0.254	8	0.060	0.254	0.508	31.6	65.9
Clafin	6	0.060	0.289	6	0.060	0.289	0.578	50.2	90.8
Delgado	4	0.060	0.333	4	0.060	0.333	0.666	80.0	128.0
Everett	2	0.060	0.388	2	0.060	0.388	0.776	127.0	185.0