



URD Triplex 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 2 phase conductor and 1 neutral conductor.

CONDUCTOR IDENTIFICATION

Phase Conductors: Black, marked "PHASE A" or "PHASE B"
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)
Erskine	6	0.060	0.289	6	0.060	0.289	0.623	75.3	136
Vassar	4	0.060	0.333	4	0.060	0.333	0.718	120	192
Stephens	2	0.060	0.388	4	0.060	0.333	0.836	167	249
Ramapo	2	0.060	0.388	2	0.060	0.388	0.836	191	278
Brenau	1/0	0.080	0.496	2	0.060	0.388	1.069	266	393
Bergen	1/0	0.080	0.496	1/0	0.080	0.496	1.069	303	450
Converse	2/0	0.080	0.536	1	0.080	0.459	1.155	335	487
Hunter	2/0	0.080	0.536	2/0	0.080	0.536	1.155	383	544
Hollins	3/0	0.080	0.583	1/0	0.080	0.496	1.256	421	589
Rockland	3/0	0.080	0.583	3/0	0.080	0.583	1.256	480	659
Sweetbriar	4/0	0.080	0.635	2/0	0.080	0.536	1.368	533	718
Monmouth	4/0	0.080	0.635	4/0	0.080	0.635	1.368	609	805
Pratt	250	0.095	0.710	3/0	0.080	0.583	1.530	640	871
Wesleyan	350	0.095	0.806	4/0	0.080	0.635	1.737	874	1139
Holyoke	500	0.095	0.926	300	0.095	0.760	1.995	1243	1569
Rider	500	0.095	0.926	350	0.095	0.806	1.995	1292	1625
Fairfield	750	0.110	1.128	500	0.095	0.926	2.431	1915	2361

NOTES

1) Click to learn about ampacities.