



UD TRIPLEX TRI-RATED 600V

APPLICATION: KINGWIRE's tri-rated Type RHH/RHW-2 or USE-2 is primarily used for secondary distribution and underground service at 600 volts or less, directly buried or installed in ducts or raceway. Suitable for use at a maximum conductor temperature of 90°C in wet or dry locations.

- PRODUCT FEATURES:**
- Class B Compact stranded 8000 Series Aluminum Alloy Conductors.
 - Extruded lead-free crosslinked polyethylene (XLPE) insulation.
 - Phase conductors are black and surface printed; neutral conductor is black, surface printed, and identified by three extruded white stripes (EWS).
 - Sequential foot markings for easier inventory control management.
 - Abrasion, impact, and sunlight (UV) resistant.

STANDARDS:



UL Standard 44 for Type RHH or RHW-2
UL Standard 854 for Type USE-2
ASTM B800 and B801
ICEA S-105-692
Federal Specification A-A59544 (formerly J-C-30B)
Compliant to RoHS (Directive 2011/65/EU)

KINGWIRE TRI-RATED TRIPLEX CONDUCTOR 600 VOLT TYPE RHH/RHW-2 or USE-2 - SECONDARY URD CABLE – ALUMINUM CONDUCTOR

Code Word	Phase Conductors			Neutral Conductor			Diameter		Cable Weight (Nominal) lb/1000ft	Min Bend Radius inch	Ampacity ²	
	Size	Strands	Phase Insulation Thickness	Size	Strands	Neutral Insulation Thickness	Phase (Over Insulation)	Completed Cable (Nominal)			75°C	90°C
	AWG/ Kcmil	Min. No.	mils	AWG/ Kcmil	No.	mils	inch	inch			amps	amps
Vassar	4	7	60	4	7	60	0.333	0.719	193	2.9	65	75
Stephens	2	7	60	4	7	60	0.388	0.802	249	3.2	90	100
Ramapo	2	7	60	2	7	60	0.388	0.838	278	3.4	90	100
Brenau	1/0	18	80	2	7	60	0.496	1.002	394	5.0	120	135
Bergen	1/0	18	80	1/0	18	80	0.496	1.071	452	5.4	120	135
Converse	2/0	18	80	1	18	80	0.536	1.108	488	5.5	135	150
Hunter	2/0	18	80	2/0	18	80	0.536	1.158	544	5.8	135	150
Sweetbriar	4/0	18	80	2/0	18	80	0.635	1.307	718	6.5	180	205
Monmouth	4/0	18	80	4/0	18	80	0.635	1.372	806	6.9	180	205
Pratt	250	35	95	3/0	18	80	0.710	1.451	872	7.3	205	230
Wesleyan	350	35	95	4/0	18	80	0.806	1.631	1138	8.2	250	280

1. Data are approximate and subject to normal manufacturing tolerances.

2. Ampacity values shown are based on NEC 2023 (NFPA 70) Table 310.16, Ampacities of Insulated Conductors in Raceway, Cable, or Earth (Directly Buried). Not more than 3 current-carrying conductors. Ambient temperature of 30°C.