



Copper Conductor 15KV URD -1/3 Neutral 133%

Part Number	Conductor	Instulation Thickness (mils)	Concentric Neutral	Conductor Diameter (inches)	Insulation Diameter (inches)	Insulation Shield Diameter (inches)	Jacket Diameter (inches)	Cable Weight (lbs/kft)
CU-15KVURD-133%-1/3N-2SOL	2 SOL	220	6-#14	0.258	0.740	0.810	1.050	606
CU-15KVURD-133%-1/3N-2STR	2 STR	220	6-#14	0.284	0.770	0.840	1.080	625
CU-15KVURD-133%-1/3N-1SOL	1 SOL	220	7-#14	0.289	0.780	0.840	1.080	685
CU-15KVURD-133%-1/3N-1STR	1 STR	220	7-#14	0.324	0.810	0.880	1.120	709
CU-15KVURD-133%-1/3N-1/0SOL	1/0 SOL	220	9-#14	0.325	0.810	0.880	1.120	794
CU-15KVURD-133%-1/3N-1/0STR	1/0 STR	220	9-#14	0.364	0.850	0.920	1.160	821
CU-15KVURD-133%-1/3N-2/0STR	2/0 STR	220	11-#14	0.408	0.890	0.960	1.200	952
CU-15KVURD-133%-1/3N-3/0STR	3/0 STR	220	14-#14	0.458	0.940	1.010	1.250	1120
CU-15KVURD-133%-1/3N-4/0STR	4/0 STR	220	18-#14	0.515	1.000	1.070	1.310	1331
CU-15KVURD-133%-1/3N-250STR	250 STR	220	21-#14	0.561	1.060	1.140	1.380	1541
CU-15KVURD-133%-1/3N-350STR	350 STR	220	18-#12	0.664	1.160	1.250	1.520	2029
CU-15KVURD-133%-1/3N-500STR	500 STR	220	17-#10	0.794	1.290	1.380	1.750	2845
CU-15KVURD-133%-1/3N-750STR	750 STR	220	20-#9	0.974	1.480	1.560	1.960	4022
CU-15KVURD-133%-1/3N-1000STR	1000 STR	220	21-#8	1.124	1.630	1.740	2.170	5229

All values are nominal and subject to correction

Application: Copper Conductor 15KV URD cable is primary used for underground distribution, in direct burial or installed

in conduit. 15KV URD cable is suitable for use in wet or dry locations. URD cable is to be used at 15,000

volts or less and not to exceed 90 ℃ temperature in normal use.

Conductors: Copper Conductor 15KV URD cable has a solid or compressed concentric strand soft drawn copper

conductor per ASTM.

Conductor Shield: Copper Conductor 15KV URD cable has an extruded thermoset semiconducting shield, which is free

stripping from the conductor and bonded to the insulation.

Insulation: Copper Conductor 15KV URD cable has naturally high dielectric strength TR-XLPE insulation. There is also

extruded thermoset semiconducting insulation shield. Optional EPR insulation is available upon request.

Metallic Shield: Copper Conductor 15KV URD cable has a concentric neutral shield consisting of solid bare copper wires

helically applied and uniformly spaced over the insulation shield.

Jacket: Copper Conductor 15KV URD cable has a black jacket of linear lows density polyethylene (LDPE), which is

sunlight, abrasion and heat resistant. The jacket has 3 red stripes, the NESC lightning bolt and sequential

footage markings.

Standards: ASTM B-3, B-8, B230, B-231, B-609

ANSI/ICEA S-94-649

AEIC CS-8
RUS ACCEPTED

For 90 °C continuous, 130 °C emergency and 250 °C short-circuit operation