



Copper Conductor 15KV URD –1/3 Neutral 100%

Part Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (inches)	Insulation Diameter (inches)	Insulation Shield Diameter (inches)	Jacket Diameter (inches)	Cable Weight (lbs/kft)
CU-15KVURD-100%-1/3N-2SOL	2 SOL	175	6-#14	0.258	0.650	0.720	0.960	548
CU-15KVURD-100%-1/3N-2STR	2 STR	175	6-#14	0.284	0.680	0.750	0.990	566
CU-15KVURD-100%-1/3N-1SOL	1 SOL	175	7-#14	0.289	0.690	0.750	0.990	625
CU-15KVURD-100%-1/3N-1STR	1 STR	175	7-#14	0.324	0.720	0.790	1.030	647
CU-15KVURD-100%-1/3N-1/0SOL	1/0 SOL	175	9-#14	0.325	0.720	0.790	1.030	733
CU-15KVURD-100%-1/3N-1/0STR	1/0 STR	175	9-#14	0.364	0.760	0.830	1.070	757
CU-15KVURD-100%-1/3N-2/0STR	2/0 STR	175	11-#14	0.408	0.800	0.870	1.110	886
CU-15KVURD-100%-1/3N-3/0STR	3/0 STR	175	14-#14	0.458	0.850	0.920	1.160	1051
CU-15KVURD-100%-1/3N-4/0STR	4/0 STR	175	18-#14	0.515	0.910	0.980	1.220	1259
CU-15KVURD-100%-1/3N-250STR	250 STR	175	21-#14	0.561	0.970	1.030	1.270	1445
CU-15KVURD-100%-1/3N-350STR	350 STR	175	18-#12	0.664	1.070	1.160	1.430	1945
CU-15KVURD-100%-1/3N-500STR	500 STR	175	17-#10	0.794	1.200	1.290	1.600	2685
CU-15KVURD-100%-1/3N-750STR	750 STR	175	20-#9	0.974	1.390	1.470	1.870	3912
CU-15KVURD-100%-1/3N-1000STR	1000 STR	175	21-#8	1.124	1.540	1.650	2.080	5107

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°C 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 low density polyethylene (LLDPE), 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
 AEIC CS-8
 ICEA S-94-649
 ICEA T-31-610
 ICEA T-34-664
 For 90°C continuous, 130°C emergency and 250°C short-circuit operation

1-800-945-5542

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