



Copper Conductor 15KV URD – Full Neutral 133%

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-133%-FN-2SOL	2 SOL	220	16-#14	0.258	0.740	0.810	1.050	723
CU-15KVURD-133%-FN-2STR	2 STR	220	16-#14	0.284	0.770	0.840	1.080	742
CU-15KVURD-133%-FN-1SOL	1 SOL	220	13-#12	0.289	0.780	0.840	1.110	868
CU-15KVURD-133%-FN-1STR	1 STR	220	13-#12	0.324	0.810	0.880	1.150	893
CU-15KVURD-133%-FN-1/0SOL	1/0 SOL	220	16-#12	0.325	0.810	0.880	1.150	1011
CU-15KVURD-133%-FN-1/0STR	1/0 STR	220	16-#12	0.364	0.850	0.920	1.190	1039
CU-15KVURD-133%-FN-2/0STR	2/0 STR	220	13-#10	0.408	0.890	0.960	1.280	1266
CU-15KVURD-133%-FN-3/0STR	3/0 STR	220	16-#10	0.458	0.940	1.010	1.330	1490
CU-15KVURD-133%-FN-4/0STR	4/0 STR	220	16-#9	0.515	1.00	1.070	1.410	1803

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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