



Copper Conductor 15KV URD – Full 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%-FN-2SOL	2 SOL	175	16-#14	0.258	0.650	0.720	0.960	665
CU-15KVURD-100%-FN-2STR	2 STR	175	16-#14	0.284	0.680	0.750	0.990	682
CU-15KVURD-100%-FN-1SOL	1 SOL	175	13-#12	0.289	0.690	0.750	1.020	807
CU-15KVURD-100%-FN-1STR	1 STR	175	13-#12	0.324	0.720	0.790	1.060	830
CU-15KVURD-100%-FN-2SOL	1/0 SOL	175	16-#12	0.325	0.720	0.790	1.060	948
CU-15KVURD-100%-FN-2SOL	1/0 STR	175	16-#12	0.364	0.760	0.830	1.100	973
CU-15KVURD-100%-FN-2SOL	2/0 STR	175	13-#10	0.408	0.800	0.870	1.190	1196
CU-15KVURD-100%-FN-2SOL	3/0 STR	175	16-#10	0.458	0.850	0.920	1.240	1417
CU-15KVURD-100%-FN-2SOL	4/0 STR	175	16-#9	0.515	0.910	0.980	1.320	1724

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 (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

1-800-945-5542

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