

## 600V Underground Distribution Cable



### Product Description

Duplex, Triplex or Quadruplex assembled, hard drawn 1350 aluminum conductors. Black cross-linked (XLP) polyethylene insulation on phase conductors and sold yellow (XLP) insulation on the neutral conductor for identification.

### Application

Designed for secondary distribution and underground service at 600 volts or less.

### Product Data

#### Duplex Solid Yellow Neutral

Code Word	Phase Conductor			Neutral			Diameter (mils.)		Weight Per 1000 feet (lbs.)	Allowable Ampacities+	
	Size (AWG)	Stranding	Insulation Thickness (mils.)	Size (AWG)	Stranding	Insulation Thickness (mils.)	Single Phase Cond.	Complete Cable		Direct Burial	In Ducts
Clafin	6	7	60	6	7	60	298	596	91	95	70
Delgado	4	7	60	4	7	60	345	690	129	125	90

+For NEC Applications, use NEC Table 310.16 Ampacities.

#### Triplex Solid Yellow Neutral

Code Word	Phase Conductor			Neutral			Diameter (mils.)		Weight Per 1000 feet (lbs.)	Allowable Ampacities+	
	Size (AWG)	Stranding	Insulation Thickness (mils.)	Size (AWG)	Stranding	Insulation Thickness (mils.)	Single Phase Cond.	Complete Cable		Direct Burial	In Ducts
Erskine	6	7	60	6	7	60	298	644	136	95	70
Vassar	4	7	60	4	7	60	345	745	194	125	90
Stephens	2	7	60	4	7	60	403	870	260	165	120
Ramapo	2	7	60	2	7	60	403	870	290	165	120
Brenau	1/0	19	80	2	7	60	512	1106	409	215	160
Bergen	1/0	19	80	1/0	19	80	512	1106	476	215	160
Converse	2/0	19	80	1	19	80	555	1199	490	245	180
Hunter	2/0	19	80	2/0	19	80	555	1199	540	245	180
Hollins	3/0	19	80	1/0	19	80	603	1302	586	280	205
Rockland	3/0	19	80	3/0	19	80	603	1302	656	280	205
Sweetbriar	4/0	19	80	2/0	19	80	658	1421	740	315	240
Monmouth	4/0	19	80	4/0	19	80	658	1421	847	315	240
Pratt	250	37	95	3/0	19	80	732	1581	857	345	265
Wesleyan	350	37	95	4/0	19	80	831	1795	1135	415	320
Rider	500	37	95	350	37	95	980	2117	1248	495	395

#### Quadruplex Solid Yellow Neutral

Code Word	Phase Conductor			Neutral			Diameter (mils.)		Weight Per 1000 feet (lbs.)	Allowable Ampacities+	
	Size (AWG)	Stranding	Insulation Thickness (mils.)	Size (AWG)	Stranding	Insulation Thickness (mils.)	Single Phase Cond.	Complete Cable		Direct Burial	In Ducts
Tulsa	4	7	60	4	7	60	345	833	258	120	85
Dyke	2	7	60	4	7	60	403	973	367	155	115
Wittenberg	2	7	60	2	7	60	403	973	375	155	115
Notre Dame	1/0	19	80	2	7	60	512	1236	574	200	150
Purdue	1/0	19	80	1/0	19	80	512	1236	596	200	150
Syracuse	2/0	19	80	1	19	80	555	1340	664	225	170
Lafayette	2/0	19	80	2/0	19	80	555	1340	720	225	170
Swarthmore	3/0	19	80	1/0	19	80	603	1456	805	250	195
Davidson	3/0	19	80	3/0	19	80	603	1456	874	250	195
Wake Forest	4/0	19	80	2/0	19	80	658	1588	1036	290	225
Earlham	4/0	19	80	4/0	19	80	658	1588	1066	290	225

+Ampacity: 90°C conductor temperature, 20°C ambient, RHO 90, 100% load factor for three conductor triplex with neutral carrying on unbalanced load.

\*Manufactured with pride in DeKalb, IL USA.

### Specification Data

Aluminum is an AAC. With ICEA S-66-524, Park 3 Part. 3.6. 1350 Aluminum conductor XLP insulation 90°C

ASTM B-230

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