



600 V Underground



APPLICATIONS

Directly buried or installed in ducts for 600 volt secondary distribution.

CONSTRUCTION

Concentric stranded or compressed 1350-H19 aluminum conductor, crosslinked polyethylene insulation.

STANDARDS

ASTM B-230, B231 and ICEA S-105-692 UL Standard 854 for Type USE-2

- Cable in Duct (CIC)
- Abrasion Resistant



Single Conductor 600 volt secondary Type UD cable - Aluminum Conductor

CODE WORD	CONDUCTOR SIZE AWG OR KCM	STRANDING	INSULATION THICKNESS (MLS)	OUTSIDE DIAMETER (INCHES)	WEIGHT PER 1000 FT (LBS)	AMPACITY (AMPS)	
						DIRECT BURIAL	IN DUCT
Princeton	6	7/w	60	0	45	90	65
Mercer	4	7/w	60	0.345	64	120	85
Clemson	2	7/w	60	0.403	93	155	115
Kenyon	1	19/w	80	0.482	122	175	130
Harvard	1/0	19/w	80	0.522	148	200	150
Yale	2/0	19/w	80	0.566	179	225	170
Tufts	3/0	19/w	80	0.616	217	250	195
Beloit	4/0	19/w	80	0.672	265	290	225
Hofstra	250	37/w	95	0.748	317	320	250
Gonzaga	300	37/w	95	0.801	371	355	280
Rutgers	350	37/w	95	0.851	423	385	305
Emory	500	37/w	95	0.979	579	465	370
Duke	600	61/w	110	1.086	701	510	410
Furman	700	61/w	110	1.155	804	550	440
Sewanee	750	61/w	110	1.188	855	580	470
Fordham	1000	61/w	110	1.337	1109	670	545

STANDARDS : ASTM B-230, B-231, and ICEA S-66-524 UL Standard 854 for Type USE

DUPLEX CONDUCTOR 600 VOLT SECONDARY TYPE URD CABLE - ALUMINUM CONDUCTOR

CODE WORD	PHASE CONDUCTOR			NEUTRAL			SINGLE PHASE CONDUCTOR (INCHES)	OUTSIDE DIAMETER (INCHES)	WEIGHT PER 1000 FT (LBS)	AMPACITY (AMPS)	
	SIZE AWG	STRAND	INSULATION THICKNESS (MLS)	SIZE AWG	STRAND	INSULATION THICKNESS (MLS)				DIRECT BURIAL	IN DUCT
Bard	8	7/w	60	8	7/w	60	0.262	0.524	76	70	55
Clafflin	6	7/w	60	6	7/w	60	0.299	0.596	91	95	70
Delgado	4	7/w	60	4	7/w	60	0.345	0.690	129	125	90
Everett	2	7/w	60	2	7/w	60	0.403	0.806	189	187	100

STANDARDS : ASTM B-230, B-231, and ICEA S-66-524 UL Standard 854 for Type USE Federal Specification JC-30B NEC

TRIPLEX CONDUCTOR 600 VOLT SECONDARY TYPE URD CABLE - ALUMINUM CONDUCTOR

CODE WORD	PHASE CONDUCTOR			NEUTRAL			SINGLE PHASE CONDUCTOR (INCHES)	OUTSIDE DIAMETER (INCHES)	WEIGHT PER 1000 FT (LBS)	AMPACITY (AMPS)	
	SIZE AWG	STRAND	INSULATION THICKNESS (MLS)	SIZE AWG	STRAND	INSULATION THICKNESS (MLS)				DIRECT BURIAL	IN DUCT
Erksine	6	7/w	60	6	7/w	60	0.299	0.646	143	95	70
Vassar	4	7/w	60	4	7/w	60	0.345	0.754	203	125	90
Stephens	2	7/w	60	4	7/w	60	0.403	0.842	264	165	120
Ramapo	2	7/w	60	2	7/w	60	0.403	0.874	294	165	120
Brenau	1/0	19/w	80	2	7/w	60	0.522	1.064	408	215	160
Bergen	1/0	19/w	80	1/0	19/w	80	0.522	1.133	465	215	160
Converse	2/0	19/w	80	1	19/w	80	0.566	1.174	502	245	180
Hunter	2/0	19/w	80	2/0	19/w	80	0.566	1.228	560	245	180
Hollins	3/0	19/w	80	1/0	19/w	80	0.616	1.276	606	280	205
Rockland	3/0	19/w	80	3/0	19/w	80	0.616	1.336	678	280	205
Sweetbriar	4/0	19/w	80	2/0	19/w	80	0.672	1.389	739	315	240
Monmouth	4/0	19/w	80	4/0	19/w	80	0.672	1.457	828	315	240
Pratt	250	37/w	95	3/0	19/w	80	0.748	1.538	893	345	265
Wesleyan	350	37/w	95	4/0	19/w	80	0.851	1.736	1166	415	320
Holyoke	500	37/w	95	300	37/w	95	0.979	2.008	1607	495	395
Rider	500	37/w	95	350	37/w	95	0.979	2.035	1663	495	395
Fairfield	750	61/w	110	500	37/w	95	1.188	2.860	2304	615	525

STANDARDS : ASTM B-230, B-231, and ICEA S-66-524 UL Standard 854 for Type USE Federal Specification JC-30B NEC

QADRUPLEX CONDUCTOR 600 VOLT SECONDARY TYPE URD CABLE -ALUMINUM CONDUCTOR

CODE WORD	PHASE CONDUCTOR			NEUTRAL			SINGLE PHASE CONDUCTOR (INCHES)	OUTSIDE DIAMETER (INCHES)	WEIGHT PER 1000 FT (LBS)	AMPACITY (AMPS)	
	SIZE AWG	STRAND	INSULATION THICKNESS (MLS)	SIZE AWG	STRAND	INSULATION THICKNESS (MLS)				DIRECT BURIAL	IN DUCT
Tulsa	4	7/w	60	4	7/w	60	0.345	0.833	258	119	85
Dyke	2	7/w	60	4	7/w	60	0.403	0.938	346	153	115
Wittenberg	2	7/w	60	2	7/w	60	0.403	0.973	375	153	115
Notre Dame	1/0	19/w	80	2	7/w	60	0.522	1.188	541	198	150
Purdue	1/0	19/w	80	1/0	19/w	80	0.522	1.260	596	198	150
Syracuse	2/0	19/w	80	1	19/w	80	0.566	1.316	664	225	170
Lafayette	2/0	19/w	80	2/0	19/w	80	0.566	1.367	720	225	170
Swarthmore	3/0	19/w	80	1/0	19/w	80	0.616	1.430	805	250	195
Davidson	3/0	19/w	80	3/0	19/w	80	0.616	1.487	874	250	195
Wake Forest	4/0	19/w	80	2/0	19/w	80	0.672	1.560	979	290	225
Earlham	4/0	19/w	80	4/0	19/w	80	0.672	1.623	1066	290	225
Slippery Rock	350	37/w	95	4/0	19/w	80	0.851	1.945	1544	385	305
Wofford	500	37/w	95	350	37/w	95	0.851	2.348	2174	467	420
Windham	700	61/w	110	500	37/w	95	0.979	2.850	2542	615	492

STANDARDS : ASTM B-230, B-231, and ICEA S-66-524 UL Standard 854 for Type USE Federal Specification JC-30B NEC