



COLONIAL WIRE & CABLE CO., INC.

WWW.COLONIALWIRE.COM

T: (631) 234-8500 F: (631) 234-8544



UNDERGROUND FEEDER CABLE UF-B

DESCRIPTION:

600 Volt Building Wire – Copper Conductors with 90° C THHN Insulation

White PVC Jacket

APPLICATION:

Colonial Type UF-B Is used as defined by National Electrical Code article 340. Colonial Type UF-B voltage rating is 600 volts. Colonial Type UF-B may be used in temperatures not to exceed 90° C (with ampacity limited to 60° C as specified by NEC). Colonial Type UF-B can be used in applications permitted for NMC in section 334.10 (B) of the National Electrical Code.

SPECIFICATIONS:

- UL File # E26113
- Underwriters Laboratories (UL) standards;
 - UL83 - THHN - Thermoplastic Insulated Wires & Cables (ZLGR)
 - UL493 - UF - B - Underground Feeder & Branch Circuit Cable (YDUX)
- Federal Specification A-A-59544 - Specification of Electrical Wire and Cables
- ASTM Standards (American Society for Testing and Materials)
 - B3 – Soft or Annealed Copper Wire
 - B8 – Concentric Lay Stranded Copper Conductors
- NFPA 70 -National Electrical Code
- ARRA (American Recovery and Reinvestment Act) of 2009 section 1605 ‘Made in America’ compliant
- Buy American Compliant
- ROHS Compliant
- No lead
- Ampacity of conductor based on NFPA 70 (NEC) Table 310.15-(B)(16)
- Sunlight, moisture and fungus resistant PVC jacket



SINCE 1944

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PROUDLY MADE IN THE U.S.A.



CABLE SPECIFICATIONS:

Conductor AWG Size	THICKNESS (MILS)		APPROX. NET WT / PER 1000FT		Approx O.D. Inches	Put-up Feet per Unit	Ampacity
	Insulation	Jacket	Without Ground	With Ground			
TWO CONDUCTOR - 600 VOLTS							
14 Solid	19	30	57	65	.17 x .40	250'	15
12 Solid	19	30	72	88	.19 x .43	250'	20
10 Solid	24	30	105	130	.22 x .53	250'	30
8 Stranded	35	45	---	220	.30 x .67	125'	40
6 Stranded	35	45	---	315	.34 x .75	125'	55
THREE CONDUCTOR - 600 VOLTS							
14 Solid	19	30	85	90	.18 x .60	250'	15
12 Solid	19	30	115	120	.20 x .65	250'	20
10 Solid	24	30	150	180	.23 x .80	250'	30
8 Stranded	35	45	---	315	.30 x .92	125'	40