



Specification Sheet

BWC Part Number #: BWC-10-02UFWG

Underground Feeder Cable 600V

Application

This cable is intended for use underground as a feeder or branch circuit cable and is permitted for direct burial in the earth. It can be installed in wet, dry, or corrosive locations as specified by the NEC. It may also be used for interior wiring in compliance with NEC requirements for nonmetallic-sheathed cable.

Construction

- **Conductor:** The conductors are either solid, soft, uncoated copper or stranded, uncoated copper, laid parallel with a bare grounding conductor.
- **Insulation:** The insulation is color-coded polyvinyl chloride (PVC) with a nylon polyamide covering, rated for 90°C in dry locations.
- **Jacket:** A sunlight-resistant gray polyvinyl chloride (PVC) jacket is applied over and around the insulated and bare conductors.

Standards

- UL 493 and UL 83
- ASTM B3 and ASTM B8
- Sunlight Resistant

PART NUMBER	COND SIZE (AWG)	NO. OF COND	NO. of STRANDS	GROUNDING COND. (AWG/SOLID)	INSULATION THICKNESS (MILS)	JACKET THICKNESS (MILS)	OVERALL DIAMETER (INCH)	NET WEIGHT (LBS/KFT)
BWC-14-02UFWG	14	2	SOLID	14	19	30	.190 X 400	63
BWC-14-03UFWG	14	3	SOLID	14	19	30	.215 X .615	96
BWC-12-02UFWG	12	2	SOLID	12	19	30	.190 X 450	88
BWC-12-03UFWG	12	3	SOLID	12	19	30	.220 X .690	137



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BWC-10-02UFWG	10	2	SOLID	10	24	30	.240 X .520	133
BWC-10-03UFWG	10	3	SOLID	10	24	30	.250 X .750	197
BWC-8-02UFWG	8	2	7	10	30	45	.680 X .304	210
BWC-8-03UFWG	8	3	7	10	30	45	1.056 X 3.04	310
BWC-6-02UFWG	6	2	7	10	30	45	.764 X .341	280
BWC-6-03UFWG	6	3	7	10	30	45	1.223 X .341	417

*Table data sourced from. All values are nominal and subject to correction.



ALL SPECIFIED PARAMETERS WITHOUT A TOLERANCE ARE NOMINAL AND SUBJECT TO VERIFICATION. BEST WIRE IS NOT RESPONSIBLE FOR UNKNOWN PERFORMANCE ATTRIBUTES THAT WERE NOT MADE KNOWN TO BEST WIRE AT THE TIME OF DESIGN.



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