Specification Sheet

BWC Part Number #: WESLEYAN

Triplex Aluminum Conductor 600V URD

Application

Triplex Aluminum 600V URD cable is designed for use in secondary distribution circuits where it is installed in ducts or direct burial applications. The maximum operating temperature is not to exceed 90°C in both wet and dry locations, with a voltage rating of 600 volts. This cable can also be provided pre-pulled into a duct.

Construction

- **Conductor:** The conductors are concentric stranded or compressed 1350-H19 series aluminum.
- **Insulation:**
  - Phase Conductors: Insulated with black, sunlight-resistant cross-linked polyethylene (XLP).
  - Neutral Conductor: Insulated with black XLP featuring three extruded yellow stripes for identification.
- **Assembly:** Two phase conductors are cabled together with the neutral conductor. The neutral conductor has a yellow stripe and sequential footage markings for identification.

Standards

- ASTM B-230, B-231, B-609, B-901
- ICEA S-105-692
- Federal Specification A-A-59544A
- UL 854 for Type USE-2, Sunlight Resistant
- RUS Accepted

Specification Sheet

PART NUMBER/CODE WORD	PHASE CONDUCTORS SIZE (AWG/KCMIL)	PHASE CONDUCTORS NO. OF STRANDS	PHASE CONDUCTROS INSUALATION THICKNESS (INCH)	NEUTRAL SIZE (AWG/KCMIL)	NEUTRAL NO OF STRANDS	NEUTRAL INSULATION THICKNESS (INCH)	DIAMETER SINGLE PHASE COND (INCH)	DIAMETER COMPLETE CABLE (INCH)	WEIGHT (LBS/ KFT)	AMPACITY ** DIRECT BURIAL (AMPS)	AMPACITY ** IN DUCT (AMPS)
ERSKINE	6	7	.060	6	7	.060	.30	.64	143	95	70
VASSAR	4	7	.060	4	7	.060	.35	.75	202	125	90
STEPHENS	2	7	.060	4	7	.060	.40	.87	262	165	120
RAMPAPO	2	7	.060	2	7	.060	.40	.87	292	165	120
BRENAU	1/0	19	.080	2	7	.060	.51	1.11	406	215	160
BERGEN	1/0	19	.080	1/0	19	.080	.51	1.11	463	215	160
CONVERSE	2/0	19	.080	1	19	.080	.56	1.20	501	245	180
HUNTER	2/0	19	.080	2/0	19	.080	.56	1.20	559	245	180
HOLLINS	3/0	19	.080	1/0	19	.080	.60	1.30	606	280	205
ROCKLAND	3/0	19	.080	3/0	19	.080	.60	1.30	677	280	205
SWEETBRIAR	4/0	19	.080	2/0	19	.080	.66	1.42	737	315	240
MONMOUTH	4/0	19	.080	4/0	19	.080	.66	1.42	826	315	240
PRATT	250	37	.095	3/0	19	.080	.75	1.62	888	345	265

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WESLEYAN	350	37	.095	4/0	19	.080	.85	1.84	1157	415	320
HOLYOKE	500	37	.095	300	37	.095	.98	2.12	1591	495	395
RIDER	500	37	.095	350	37	.095	.98	2.12	1646	495	395
FAIRFIELD	750	61	.110	500	37	.095	1.19	2.40	2289	620	495

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

**Ampacity is based on 90°C conductor temperature, 20°C ambient temperature, RHO 90, and 100% load factor. For NEC installations, reference NEC article 310.15.*

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.