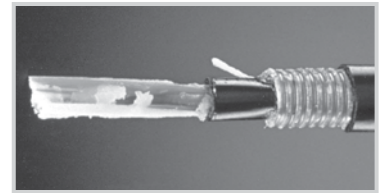


Filled, Direct Burial Distribution BWFA

RUS/RDUP Spec. PE-54



For direct burial or duct applications such as distribution circuits and service entrance wires where the cable must withstand installation stresses.

Core Construction

| | |
|-------------------------|--|
| Conductors | Solid annealed copper in 19, 22 and 24 AWG. |
| Insulation | Each conductor is insulated with color-coded solid polyolefin. The insulation of the tip conductor is marked with a stripe of the mating ring insulation color. |
| Core Assembly | Individual conductor dimensions are tightly controlled to limit resistance unbalance of twisted pairs. Pair twist lays are varied to minimize crosstalk and meet capacitance unbalance limits. |
| Filling Compound | The wire core is completely filled with an 80°C ETPR compound, filling the air spaces between insulated conductors. |
| Inner Jacket | PE |
| Shielding | A smooth or corrugated copolymer-coated, .008" aluminum tape is applied longitudinally over the inner jacket and is bonded to the outer jacket. The space under the tape is flooded. |
| Outer Jacket | Black, linear low-density PE designed to withstand exposure to direct sunlight, atmospheric temperature changes and stresses expected in standard installations. |
| Footage Marking | Printed sequentially every 2' along the outer jacket. |

RUS/RDUP Designation: BWFA & BWFY

Deactivated specification - still manufactured.

Electrical Characteristics

See Table D on page 22 in this section.

See referenced pages in the Hardware & Supplies section:

Installation Hardware

- Buried Service Wire Splice Kits - B-8
- Scotchlok® Connectors - B-11
- Rigid Buried Splice Closures - B-8

Suggested Prep Tools

- 820 Multi-wire Stripper/Cutter - H-8
- Armored Cable Slitter - I-10
- MK01A Multi-wire Stripper/Cutter - I-11