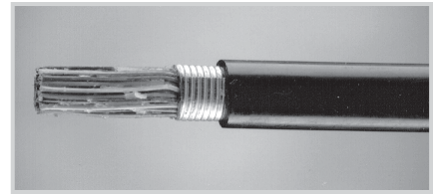


Filled, Direct Burial, Aerial, Duct, BJFA RUS/RDUP Spec. PE-39



For direct burial or duct applications where protection from moisture is required and aluminum shielding desired. May also be used aerially if attached to a support strand.

Core Construction

Conductors	Solid annealed copper in 19, 22, 24 and 26 AWG.
Insulation	Solid, color-coded polyolefin.
Twisted Pairs	Individual insulated conductors are twisted into pairs with varying lay lengths.
Core Assembly	Cables of 25 pairs or less are assembled into a cylindrical core. Cables larger than 25 pairs are assembled into units, which are then used to assemble the core. Units are individually identifiable by color coded unit binders.
Filling Compound	The core assembly is filled with an 80°C ETPR compound, completely filling the interstices between the pairs and under the core wrap.
Core Wrap	Non-hygroscopic, dielectric tape.
Shielding	A corrugated, copolymer coated, .008" aluminum tape is applied longitudinally with an overlap. The shield interfaces are 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: BFCY

Electrical Characteristics

See Table B on page 21 in this section.

Note: T-Screen® Type BJFA cables may be available with a core separated design for use with PCM-type carrier equipment.

See referenced pages in the Hardware & Supplies section:

Installation Hardware

- A-Line Terminal Blocks - C-3
- Better Buried Splice Closures - B-6
- Metal Pedestals - B-5

Suggested Prep Tools

- 821 Multi-wire Stripper/Cutter - I-10
- Armored Cable Slitter - I-10
- MK01A Multi-wire Stripper/Cutter - I-11
- MK04 Cable Jacket Stripper - I-11