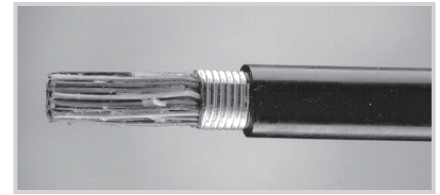


# Filled, Direct Burial, Aerial, Duct, BJFC RUS/RDUP Spec. PE-39



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

## Core Construction

<b>Conductors</b>	Solid annealed copper in 19, 22 and 24 AWG.
<b>Insulation</b>	Solid, color-coded polyolefin.
<b>Twisted Pairs</b>	Individual insulated conductors are twisted into pairs with varying lay lengths.
<b>Core Assembly</b>	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.
<b>Filling Compound</b>	The core assembly is filled with an 80°C ETPR compound, completely filling the interstices between the pairs and under the core wrap.
<b>Core Wrap</b>	Non-hygroscopic, dielectric tape.
<b>Shielding</b>	A corrugated, .005" copper tape is applied longitudinally with an overlap. The shield interfaces are flooded.
<b>Outer Jacket</b>	Black, linear low-density PE designed to withstand exposure to direct sunlight, atmospheric temperature changes and stresses expected in standard installations.
<b>Footage Marking</b>	Printed sequentially every 2' along the outer jacket.

## RUS/RDUP Designation: BFCC

## Electrical Characteristics

See Table B on page 21 in this section.

*Note:* T-Screen® Type BJFC 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