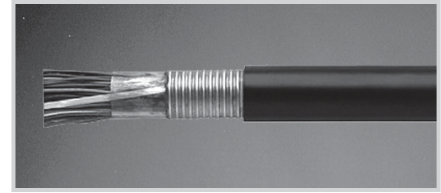


# Foam-Skin, Filled, Direct Burial, Aerial, Duct, BJFAF, BFASF\* RUS/RDUP Spec. PE-89



For direct burial or duct applications where protection from moisture is required and aluminum shielding is desired. May also be used aerially if attached to a support strand. BFASF is recommended for high-risk areas where additional mechanical or rodent protection is required.

## Core Construction

<b>Conductors</b>	Solid annealed copper in 19, 22, 24 and 26 AWG.
<b>Insulation</b>	Conductors are dual insulated with an inner layer of foamed, natural polyolefin covered by an outer layer of 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, copolymer coated, .008" aluminum 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 Designations:

**BJFAF - BFCEA/BFASF - BFCEX**

## Electrical Characteristics

See Table C on page 22 in this section.

**\*BFASF cable may be subject to manufacturer minimums and is available by request only.** They have the same core construction as BJFG except for the dual shielding system: a corrugated, copolymer coated, .008" aluminum tape is applied directly over the core wrap. The aluminum tape does not butt or overlap at any point along the length of the cable. An outer shield of corrugated, copolymer coated, .006" steel tape is applied directly over the aluminum and overlaps. The shield interfaces are flooded.

*Note:* T-Screen® Type BJFAF 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

- 820 Multi-wire Stripper/Cutter - H-8
- Armored Cable Slitter - I-10
- MK01A Multi-wire Stripper/Cutter - I-11
- MK04 Cable Jacket Stripper - I-11