

# Product Data Sheet

## RUS/REA PE-39 Design



### Product Description

For use in exchange and campus areas, direct buried or installed in-duct. Suitable for voice frequency use on all pairs and carrier frequency, both analog and digital, on a selected pair assignment basis. For full utilization at carrier frequencies, a core-dividing screen is required. (See T1 cables.)

### Specifications

- Solid, annealed, bare copper conductors
- Solid polyolefin insulation, color-coded to telephone industry standards
- Insulated conductors are twisted into pairs of varying lengths of lay to minimize crosstalk
- Pairs are stranded into units (and super units, if required by pair count)
- The cable core is filled with a waterproofing compound and wrapped with a non-hygroscopic core tape
- A flooding compound is applied over the core and to all surfaces of the shield/armor to resist moisture entry and to inhibit corrosion
- The cable is finished with a black polyethylene jacket which is sequentially printed with footage marker at regular intervals

### Tech. Info & Standards

Cables with AFC suffix conform to ANSI ICEA 7CFR-1755-390

### Standard Cables - SEALPIC-F

A 0.008 in. coated aluminum black polyethylene (part suffix AFC)

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<b>Part No.</b>	<b>No. of Pairs</b>	<b>AWG</b>	<b>Approx. Wt. lb./1,000 ft.</b>	<b>Nom. O.D. (in.)</b>
E-000624AFC	6	24	67	0.390
E-001224AFC	12	24	102	0.470
E-002524AFC	25	24	175	0.590
E-005024AFC	50	24	304	0.750
E-010024AFC	100	24	561	1.010
E-020024AFC	200	24	1,029	1.330
E-030024AFC	300	24	1,532	1.680
E-040024AFC	400	24	1,997	1.900
E-000622AFC	6	22	91	0.450
E-001222AFC	12	22	143	0.550
E-002522AFC	25	22	255	0.700
E-005022AFC	50	22	468	0.940
E-010022AFC	100	22	853	1.240
E-040022AFC	400	22	3,125	2.370

## **Sales Tips**

If stock not available, suggest substitution of part number suffix DFC for foam/skin insulated product.