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Direct Burial Telephone Cable Filled Core REA PE-39AL

Application: This cable is intended for duct and direct burial installations where protection against water and moisture entry is required.

Specifications:

- **Conductors:** Solid, annealed copper sizes 19, 22, 24, and 26 AWG
- **Insulation:** Solid, high density polyethylene, color coded in accordance with telephone industry standards
- **Twisted Pairs:** insulated conductors are twisted into pairs with varying lay lengths to minimize crosstalk
- **Core Assembly:** 25 Pairs & less: assembled together in a single group. More than 25 pairs: arranged in groups, each group having a color coded unit binder
- **Filling Compound:** The entire core assembly is completely filled with ETPR compound, filling the interstices between the pairs and under the core tape.
- **Core Wrap:** Non-hygroscopic dielectric tape applied longitudinally with an overlap.
- **Aluminum Shield:** Corrugated, copolymer coated, 0.008" aluminum tape applied longitudinally with an over lap. The sheath interfaces are flooded with an adhesive water blocking compound.
- **Jacket:** Black, linear low density polyethylene
- **Compliance:** Rural Utilities Service (RUS) 7 CFR 1755.390 (REA PE-39)
- **Packaging:** Custom cut reels

Catalog No.	Pairs AWG	Overall Diameter (Inches)	Weight lbs/Mft.
P01F1	6/19	.55	150
P02F1	12/19	.75	275
P03F1	18/19	.87	380
P04F1	25/19	.97	490
P05F1	50/19	1.3	910
P06F1	100/19	1.7	1650
P07F1	6/22	.45	95
P08F1	12/22	.56	155
P09F1	18/22	.66	215
P10F1	25/22	.71	260
P11F1	50/22	.95	475
P12F1	75/22	1.1	675
P13F1	100/22	1.2	840
P14F1	150/22	1.4	1210
P15F1	200/22	1.7	1610
P16F1	300/22	2.0	2360
P17F1	400/22	2.3	3120
P18F1	600/22	2.8	4680
P19F1	900/22	3.4	6840
P20F1	6/24	.43	80
P21F1	12/24	.51	120
P22F1	18/24	.57	155
P23F1	25/24	.61	185

Catalog No.	Pairs AWG	Overall Diameter (Inches)	Weight lbs/Mft.
P24F1	50/24	.81	330
P25F1	75/24	.92	450
P26F1	100/24	1.0	580
P27F1	150/24	1.2	820
P28F1	200/24	1.3	1030
P29F1	300/24	1.6	1550
P30F1	400/24	1.9	2000
P31F1	600/24	2.2	2960
P32F1	900/24	2.7	4310
P33F1	1200/24	3.1	5750
P34F1	1500/24	3.4	7100
P35F1	1800/24	3.7	8340
P36F1	25/26	.53	135
P37F1	50/26	.70	235
P38F1	100/26	.87	395
P39F1	200/26	1.1	675
P40F1	300/26	1.3	1000
P41F1	400/26	1.5	1280
P42F1	600/26	1.8	1890
P43F1	900/26	2.2	2760
P44F1	1200/26	2.4	3590
P45F1	1500/26	2.7	4500
P46F1	1800/26	3.0	5290